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2024 SD Chassis Cabs

Specs

Key product specifications include vehicle dimensions and capacities, detailed powertrain information, transmission gear ratios and more.

2024 SD Chassis Cabs > Specs

Dimensions/Weights/Capacities

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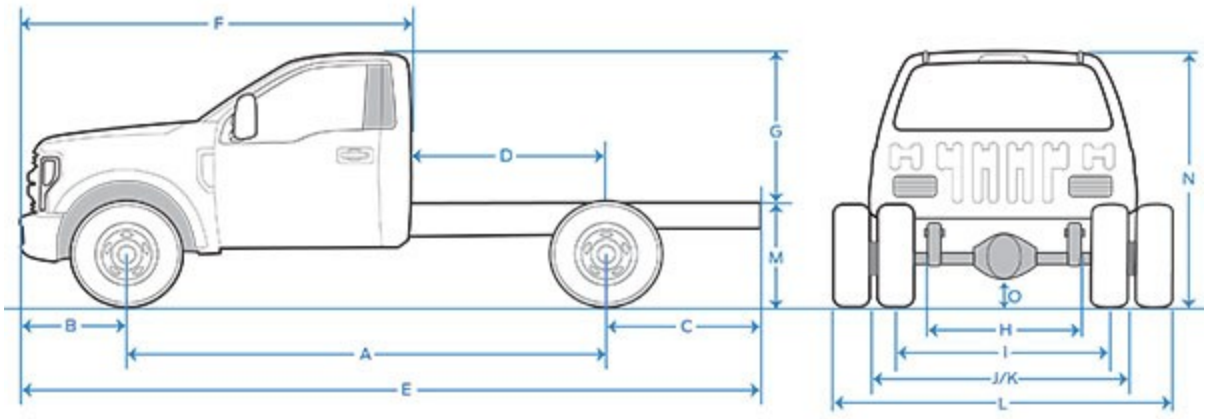
F-350 Regular Cab Dimensions



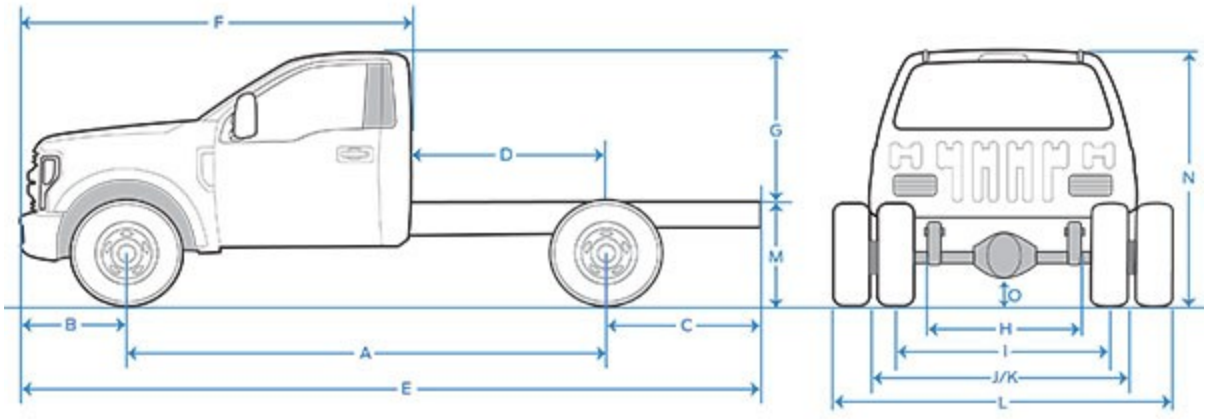
Series		F-350			
Drive		4x2		4x4	
Single (SRW)/Dual Rear Wheel (DRW)		SRW/DRW	DRW	SRW/DRW	DRW
Code	Description (in.)				
A	Wheelbase (WB)	145.3	169.3	145.3	169.3

B	Front Overhang Length	38.3	38.3	38.3	38.3
C	Rear Axle to Frame Length	47.2	47.2	47.2	47.2
D	Cab to Center Line of Rear Axle Length (CA)	60.0	84.0	60.0	84.0
E	Overall Length	230.7	254.8	230.7	254.8
F	Bumper to Back of Cab	123.7	123.7	123.7	123.7
G	Top of Frame to Top of Cab	49.2	49.2	49.2	49.2
H	Frame Rail Width	34.1	34.1	34.1	34.1
I	Front Track Width	69.1	69.1	69.1	69.1
J	Rear Track Width	68.1/71.1	71.1	68.1/71.1	71.1
K	Tire Center Width (DRW)	—/71.1(1)	71.1(1)	—/71.1(1)	71.1(1)
L	Tire Outside Width (Rear)	79.6/92.2(1)	92.2(1)	79.6/92.2(1)	92.2(1)
	Width with Mirrors	105.9	105.9	105.9	105.9
	Width with Mirrors Folded	85.3	85.3	85.3	85.3
	Width with Mirrors Fully Extended	110.9	110.9	110.9	110.9
M	Frame Height (Curb)(2)	32.7/33.0	32.7	34.9/34.8	34.4
M	Frame Height (Loaded)(2)	27.2/27.7	27.7	29.4/29.7	29.5
N	Cab Height (Curb)(2)	79.1/79.3	79.2	81.9/82.2	82.0
O	Rear Axle Clearance Height	9.0/8.4	8.4	8.9/8.3	8.4

(1) Tire Center Width = 74.1" and Tire Outside Width = 95.2" with Ambulance Prep Package wide track axle.

(2) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances. Frame height represents the distance between the top of frame to ground at end of frame.

F-450 Regular Cab Dimensions



Series		F-450			
Drive		4x2/4x4	4x2/4x4	4x2/4x4	4x2/4x4
Single (SRW)/Dual Rear Wheel (DRW)		DRW	DRW	DRW	DRW
Code	Description (in.)				
A	Wheelbase (WB)	145.3	169.3	193.3	205.3
B	Front Overhang Length	38.3	38.3	38.3	38.3
C	Rear Axle to Frame Length	47.2/89.4(1)	47.2/79.6(2)	47.2	47.2
D	Cab to Center Line of Rear Axle Length (CA)	60.0	84.0	108.0	120.0
E	Overall Length	230.7/ 273.0(1)	254.8/287.2(2)	278.8	290.7
F	Bumper to Back of Cab	123.7	123.7	123.7	123.7
G	Top of Frame to Top of Cab	49.2	49.2	49.2	49.2
H	Frame Rail Width	34.2	34.2	34.2	34.2
I	Front Track Width	74.8	74.8	74.8	74.8
J	Rear Track Width	74.0	74.0	74.0	74.0
K	Tire Center Width (DRW)	74.0	74.0	74.0	74.0
L	Tire Outside Width (Rear)	93.9	93.9	93.9	93.9
	Width with Mirrors	105.9	105.9	105.9	105.9
	Width with Mirrors Folded	85.3	85.3	85.3	85.3
	Width with Mirrors Fully Extended	110.9	110.9	110.9	110.9
M	Frame Height (Curb)(3)	(4x2) 35.4/36.4(1) (4x4) 35.1/36.1(1)	35.0/35.0(2)	34.8	34.8
M	Frame Height (Loaded)(3)	29.7/29.8	29.5	29.5	29.5
N	Cab Height (Curb)(3)	82.6/82.4	82.4/82.2	82.3	82.3
O	Rear Axle Clearance Height	8.5	8.6	8.6	8.6

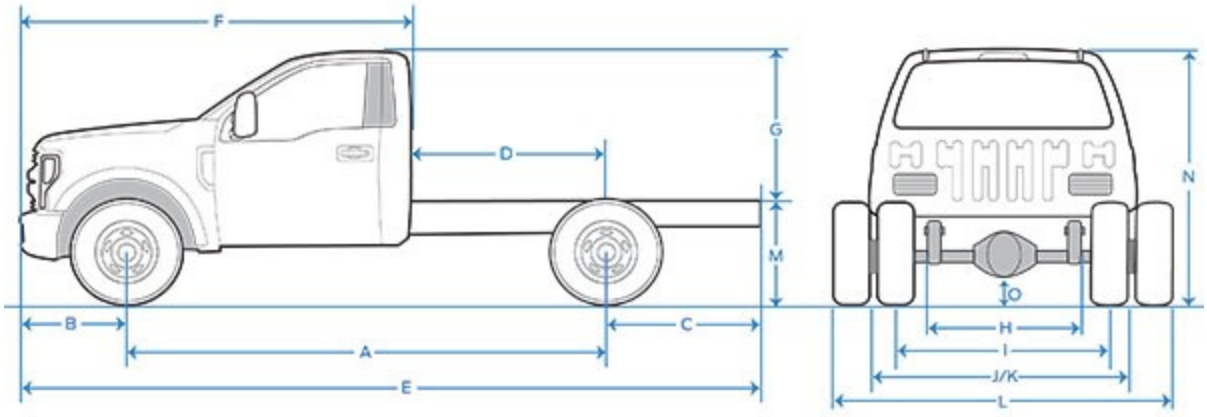
(1) F-450/F-550 Regular Cab 60" CA with 42.2" aft axle frame extension.

(2) F-450/F-550 Regular Cab 84" CA with 32.4" aft axle frame extension.

(3) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances. Frame height represents the distance between the top of frame to ground at end of frame.

2024 SD Chassis Cabs > **Specs** > **Dimensions/Weights/Capacities** > Regular Cab Chassis Cab

F-550 Regular Cab Dimensions



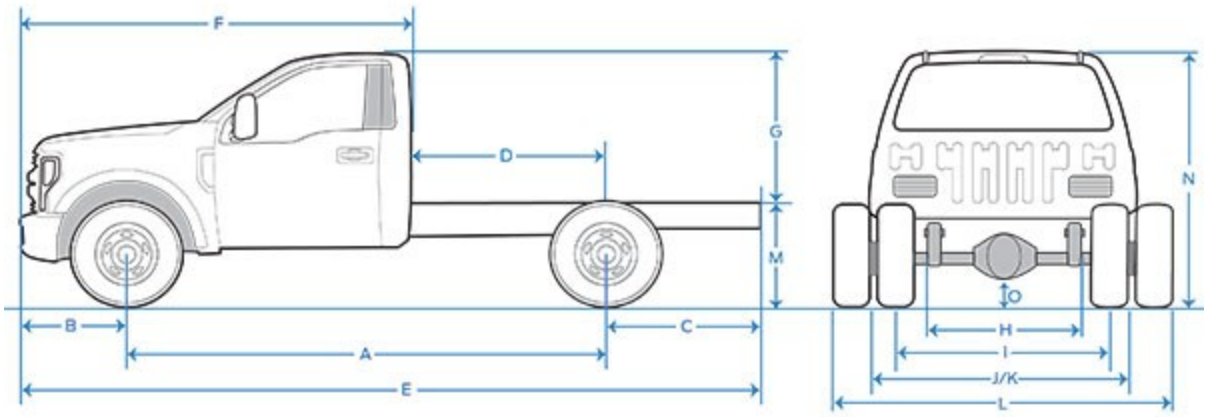
Series		F-550			
Drive		4x2/4x4	4x2/4x4	4x2/4x4	4x2/4x4
Single/Dual Rear Wheels		DRW	DRW	DRW	DRW
Code	Description (in.)				
A	Wheelbase (WB)	145.3	169.3	193.3	205.3
B	Front Overhang Length	38.3	38.3	38.3	38.3
C	Rear Axle to Frame Length	47.2/89.4[1]	47.2/79.6[2]	47.2	47.2
D	Cab to Center Line of Rear Axle Length (CA)	60.0	84.0	108.0	120.0
E	Overall Length	230.7/ 273.0[1]	254.8/ 287.2[2]	278.8	290.7
F	Bumper to Back of Cab	123.7	123.7	123.7	123.7
G	Top of Frame to Top of Cab	49.2	49.2	49.2	49.2
H	Frame Rail Width	34.2	34.2	34.2	34.2
I	Front Track Width	74.8	74.8	74.8	74.8
J	Rear Track Width	74.0	74.0	74.0	74.0
K	Tire Center Width (DRW)	74.0	74.0	74.0	74.0
L	Tire Outside Width (Rear)	93.9	93.9	93.9	93.9
	Width with Mirrors	105.9	105.9	105.9	105.9
	Width with Mirrors Folded	85.3	85.3	85.3	85.3
	Width with Mirrors Fully Extended	110.9	110.9	110.9	110.9
M	Frame Height (Curb)[3]	(4x2) 34.4/36.4[1] (4x4) 35.4/36.3[1]	(4x2) 35.0/34.0[2] (4x4) 35.0/35.5[2]	34.8	34.7
M	Frame Height (Loaded)[3]	29.9	29.6	29.6	29.6
N	Cab Height (Curb)[3]	82.6	82.4	82.5/82.4	82.4
O	Rear Axle Clearance Height	8.5	8.6	8.6	8.6

(1) F-450/F-550 Regular Cab 60" CA with 42.2" aft axle frame extension.

(2) F-450/F-550 Regular Cab 84" CA with 32.4" aft axle frame extension.

(3) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances. Frame height represents the distance between the top of frame to ground at end of frame.

F-600 Regular Cab Dimensions



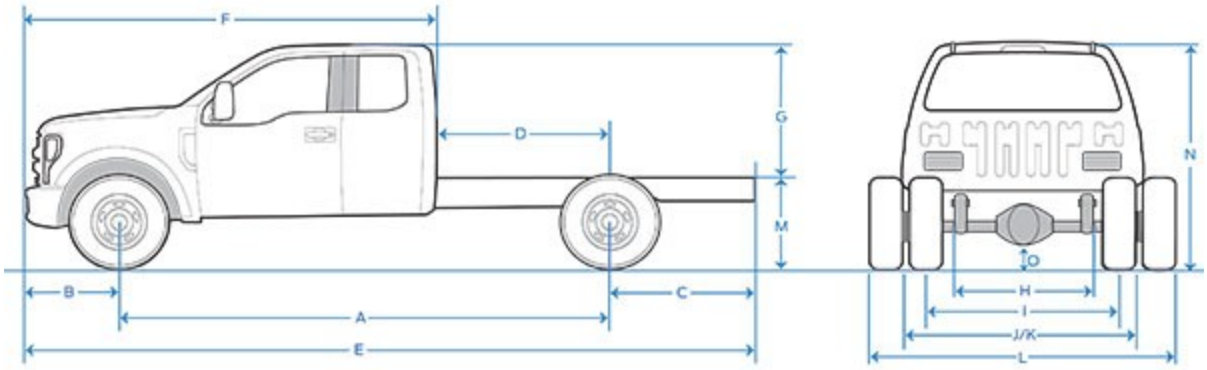
Series		F-600			
Drive		4x2/4x4	4x2/4x4	4x2/4x4	4x2/4x4
Single/Dual Rear Wheels		DRW	DRW	DRW	DRW
Code	Description (in.)				
A	Wheelbase (WB)	145.3	169.3	193.3	205.3
B	Front Overhang Length	38.3	38.3	38.3	38.3
C	Rear Axle to Frame Length	47.2	47.2	47.2	47.2
D	Cab to Center Line of Rear Axle Length (CA)	60	84	108	120
E	Overall Length	230.7	254.8	278.8	290.7
F	Bumper to Back of Cab	123.7	123.7	123.7	123.7
G	Top of Frame to Top of Cab	49.2	49.2	49.2	49.2
H	Frame Rail Width	34.2	34.2	34.2	34.2
I	Front Track Width	74.8	74.8	74.8	74.8
J	Rear Track Width	74.0	74.0	74.0	74.0
K	Tire Center Width (DRW)	74.0	74.0	74.0	74.0
L	Tire Outside Width (Rear)	93.9	93.9	93.9	93.9
	Width with Mirrors	105.9	105.9	105.9	105.9
	Width with Mirrors Folded	85.3	85.3	85.3	85.3
	Width with Mirrors Fully Extended	110.9	110.9	110.9	110.9
M	Frame Height (Curb)(1)	(4x2) 35.7	(4x2) 35.0	(4x2) 34.0	(4x2) 34.3
		(4x4) 35.7	(4x4) 35.0	(4x4) 34.3	(4x4) 34.3

M	Frame Height (Loaded)(1)	30.6/30.6	30.5/30.5	30.4/30.4	30.4/30.4
N	Cab Height (Curb)(1)	82.4/82.4	81.9/81.9	82.3/82.1	82.2/82.0
O	Rear Axle Clearance Height	9.1	9.1	9.1	9.1

(1) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances. Frame height represents the distance between the top of frame to ground at end of frame.

2024 SD Chassis Cabs > Specs > Dimensions/Weights/Capacities > SuperCab Chassis Cab

F-350 SuperCab Dimensions



Series		F-350	
Drive		4x2	4x4
Single/Dual Rear Wheels		SRW/DRW	SRW/DRW
Code	Description (in.)		
A	Wheelbase (WB)	167.9	167.9
B	Front Overhang Length	38.3	38.3
C	Rear Axle to Frame Length	47.2	47.2
D	Cab to Center Line of Rear Axle Length (CA)	60.0	60.0
E	Overall Length	253.3	253.3
F	Bumper to Back of Cab	146.3	146.3
G	Top of Frame to Top of Cab	49.4	49.4
H	Frame Rail Width	34.1	34.1
I	Front Track Width	68.3/69.1	68.3/69.1
J	Rear Track Width	68.1/71.1	68.1/71.1
K	Tire Center Width (DRW)	—/71.1	—/71.1(1)
L	Tire Outside Width (Rear)	79.6/92.2(1)	79.6/92.2(1)
	Width with Mirrors	105.9	105.9
	Width with Mirrors Folded	85.3	85.3
	Width with Mirrors Fully Extended	110.9	110.9
M	Frame Height (Curb)(2)	32.3/32.6	34.2/34.4
M	Frame Height (Loaded)(2)	27.2/27.7	29.2/29.5
N	Cab Height (Curb)(2)	79.3/79.6	82.0/82.2

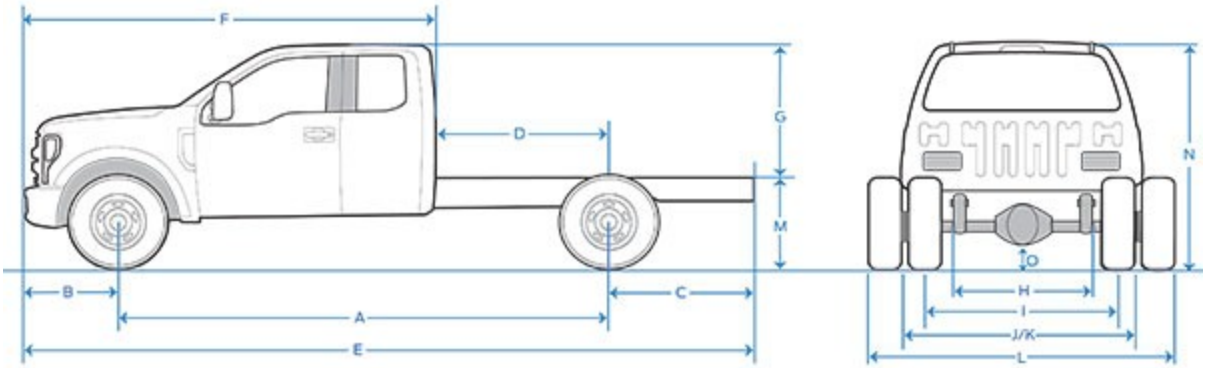
O	Rear Axle Clearance Height	9.0/8.4	9.0/8.4

(1) Tire Center Width = 74.1" and Tire Outside Width = 95.2" with Ambulance Prep Package wide track axle.

(2) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances. Frame height represents the distance between the top of frame to ground at end of frame.

2024 SD Chassis Cabs > Specs > Dimensions/Weights/Capacities > SuperCab Chassis Cab

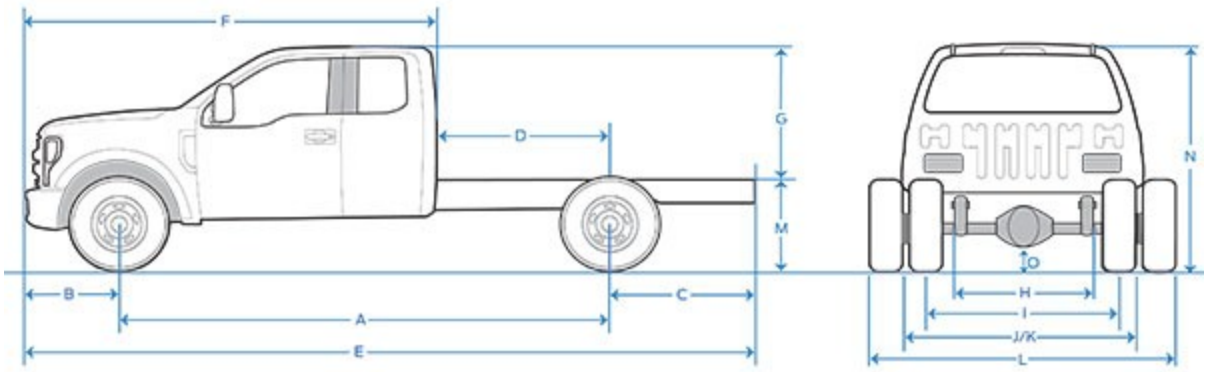
F-450 SuperCab Dimensions



Series		F-450	
Drive		4x2/4x4	4x2/4x4
Single/Dual Rear Wheels		DRW	DRW
Code	Description (in.)		
A	Wheelbase (WB)	167.9	191.9
B	Front Overhang Length	38.3	38.3
C	Rear Axle to Frame Length	47.2	47.2
D	Cab to Center Line of Rear Axle Length (CA)	60.0	84.0
E	Overall Length	253.3	277.4
F	Bumper to Back of Cab	146.3	146.3
G	Top of Frame to Top of Cab	49.4	49.4
H	Frame Rail Width	34.2	34.2
I	Front Track Width	74.8	74.8
J	Rear Track Width	74.0	74.0
K	Tire Center Width (DRW)	74.0	74.0
L	Tire Outside Width (Rear)	93.9	93.9
	Width with Mirrors	105.9	105.9
	Width with Mirrors Folded	85.3	85.3
	Width with Mirrors Fully Extended	110.9	110.9
M	Frame Height (Curb)(1)	35.0	34.8
M	Frame Height (Loaded)(1)	29.5	29.5
N	Cab Height (Curb)(1)	82.5	82.5/82.4
O	Rear Axle Clearance Height	8.6	8.6

(1) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances. Frame height represents the distance between the top of frame to ground at end of frame.

F-550 SuperCab Dimensions

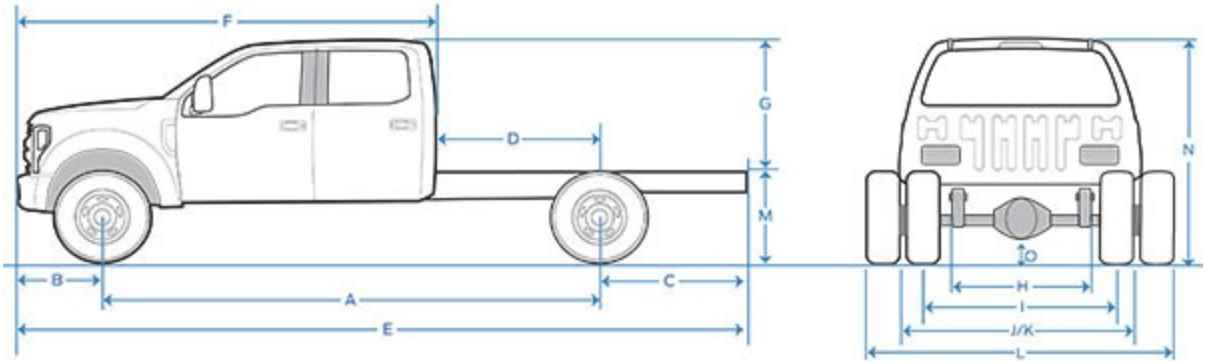


Series		F-550	
Drive		4x2/4x4	4x2/4x4
Single/Dual Rear Wheels		DRW	DRW
Code	Description (in.)		
A	Wheelbase (WB)	167.9	191.9
B	Front Overhang Length	38.3	38.3
C	Rear Axle to Frame Length	47.2	47.2
D	Cab to Center Line of Rear Axle Length (CA)	60.0	84.0
E	Overall Length	253.3	277.4
F	Bumper to Back of Cab	146.3	146.3
G	Top of Frame to Top of Cab	49.4	49.4
H	Frame Rail Width	34.2	34.2
I	Front Track Width	74.8	74.8
J	Rear Track Width	74.0	74.0
K	Tire Center Width (DRW)	74.0	74.0
L	Tire Outside Width (Rear)	93.9	93.9
	Width with Mirrors	105.9	105.9
	Width with Mirrors Folded	85.3	85.3
	Width with Mirrors Fully Extended	110.9	110.9
M	Frame Height (Curb)(1)	34.9/35.0	34.8
M	Frame Height (Loaded)(1)	29.6	29.6
N	Cab Height (Curb)(1)	82.7/82.5	82.5
O	Rear Axle Clearance Height	8.6	8.6

(1) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances. Frame height represents the distance between the top of frame to ground at end of frame.

2024 SD Chassis Cabs > Specs > Dimensions/Weights/Capacities

Crew Cab Chassis Cab Dimensions



Series		F-350		F-450		F-550	
Drive		4x2	4x4	4x2/4x4	4x2/4x4	4x2/4x4	4x2/4x4
Single/Dual Rear Wheels		SRW/DRW	SRW/DRW	DRW	DRW	DRW	DRW
Wheelbase (WB)		179.8	179.8	179.8	203.8	179.8	203.8
Code	Description (in.)						
A	Wheelbase (WB)	179.8	179.8	179.8	203.8	179.8	203.8
B	Front Overhang Length	38.3	38.3	38.3	38.3	38.3	38.3
C	Rear Axle to Frame Length	47.2	47.2	47.2	47.2	47.2	47.2
D	Cab to Center Line of Rear Axle Length (CA)	60.0	60.0	60.0	84.0	60.0	84.0
E	Overall Length	265.2	265.2	265.2	289.2	265.2	289.2
F	Bumper to Back of Cab	158.1	158.1	158.1	158.1	158.1	158.1
G	Top of Frame to Top of Cab	49.4	49.4	49.4	49.4	49.4	49.4
H	Frame Rail Width	34.1	34.1	34.2	34.2	34.2	34.2
I	Front Track Width	68.3/69.1	68.3/69.1	74.8	74.8	74.8	74.8
J	Rear Track Width	68.1/71.1	68.1/71.1	74.0	74.0	74.0	74.0
K	Tire Center Width (DRW)	—/ 71.0(1)	—/ 71.0(1)	74.0	74.0	74.0	74.0
L	Tire Outside Width (Rear)	79.6/92.2(1)	79.6/92.2(1)	93.9	93.9	93.9	93.9
	Width with Mirrors	105.9	105.9	105.9	105.9	105.9	105.9
	Width with Mirrors Folded	85.3	85.3	85.3	85.3	85.3	85.3
	Width with Mirrors Fully Extended	110.9	110.9	110.9	110.9	110.9	110.9
M	Frame Height (Curb)(2)	32.1/32.5	34.0/34.3	34.8/34.9	34.7/34.8	34.8	34.8/34.7
M	Frame Height (Loaded)(2)	27.2/27.7	29.2/29.5	29.5	29.5	29.6	29.6
N	Cab Height (Curb)(2)	79.4/79.7	82.1/82.3	82.8/82.6	82.6/82.5	82.8	82.6
O	Rear Axle Clearance Height	9.0/8.4	8.9/8.4	8.6	8.6	8.6	8.6

(1) Tire Center Width = 74.1" and Tire Outside Width = 95.2" with Ambulance Prep Package wide track axle.

(2) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances. Frame height represents the distance between the top of frame to ground at end of frame.

2024 SD Chassis Cabs > Specs > Dimensions/Weights/Capacities

Cab Dimensions

Cab Style	Regular Cab	SuperCab	Crew Cab
Interior Volumes (cu. ft.)			
Passenger (front)	64.6	64.6	64.6
Passenger (rear)	—	51.4	67.1
Total Passenger	64.6	116.0	131.8
Cargo (rear of front seat)	11.6	31.6	52.1
Interior Dimensions (in.)			
Head Room — Front/Rear	40.8/—	40.8/40.3	40.8/40.4
Leg Room — Front (max.)/Rear	43.9/—	43.9/33.5	43.9/43.6
Shoulder Room — Front/Rear	66.7/—	66.7/65.8	66.7/65.9
Hip Room — Front/Rear	62.5/—	62.5/64.7	62.5/64.7

2024 SD Chassis Cabs > Specs > Dimensions/Weights/Capacities

Fuel Tank Capacity

REGULAR CAB CHASSIS CAB

Wheelbase(s) (in.)	Availability	Location	Capacity (gal.)
145.3, 169.3, 193.3, 205.3	Standard (N/A with 68D Payload Downgrade Package on F-350 SRW)	Aft-of-axle	40.0
145.3, 169.3, 205.3	Available (65M)	Midship	26.5
145.3, 169.3, 193.3, 205.3 DRW with 6.7L V8 Diesel	Available (65C)	40 gal. aft-of-axle; 26.5 gal. midship	66.5

SUPERCAB CHASSIS CAB

Wheelbase(s) (in.)	Availability	Location	Capacity (gal.)
167.9, 191.9	Standard	Aft-of-axle	40.0
167.9, 191.9 DRW	Available (65M)	Midship	26.5
167.9, 191.9 DRW with 6.7L V8 Turbo Diesel	Available (65C)	40 gal. aft-of-axle; 26.5 gal. midship	66.5

CREW CAB CHASSIS CAB

Wheelbase(s) (in.)	Availability	Location	Capacity (gal.)

179.8, 203.8	Standard	Aft-of-axle	40.0
179.8 DRW	Available (65M)	Midship	26.5
179.8, 203.8 DRW with 6.7L V8 Turbo Diesel	Available (65C)	40 gal. aft-of-axle; 26.5 gal. midship	66.5

Weight Ratings — F-350 SRW Chassis Cab

Cab Style/Drive/WB/CA (in.)	Engine	Maximum GVWR (lbs.)	Maximum Payload (lbs.)[1]	Max. GAWR (lbs.)[2]		Base Curb Weight (lbs.)		
				Front	Rear	Front	Rear	Total
Regular Cab 4x2 — 145.3/60	7.3L	10,500	4,950	3,950	6,780	3,263	2,231	5,494
Regular Cab 4x4 — 145.3/60	7.3L	10,900	4,890	4,400	6,780	3,651	2,294	5,945
	6.7L	11,500	4,810	5,200	6,780	4,170	2,450	6,620
SuperCab 4x2 — 167.9/60	7.3L	10,900	4,910	4,400	6,780	3,497	2,425	5,922
SuperCab 4x4 — 167.9/60	7.3L	11,300	4,880	4,800	6,780	3,839	2,514	6,353
	6.7L	11,500	4,300	5,600	6,780	4,421	2,698	7,119
Crew Cab 4x2 — 179.8/60	7.3L	11,000	4,870	4,550	6,780	3,543	2,518	6,061
	6.7L	11,500	4,560	5,300	6,780	4,193	2,672	6,865
Crew Cab 4x4 — 179.8/60	7.3L	11,400	4,850	5,200	6,780	3,925	2,553	6,478

	6.7L	11,500	4,240	5,600	6,780	4,502	2,683	7,185

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(2) Gross axle weight rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

NOTE: Front spring/GAWR on Chassis Cab models is assigned or specifically selected. Refer to "Chassis Cab — Available Front Spring/GAWR," for specific front spring/GAWR upgrades included in available packages.

Weight Ratings — F-350 DRW Chassis Cab

Cab Style/Drive/WB/CA (in.)	Engine	Maximum GVWR (lbs.)	Maximum Payload (lbs.)(1)	Max. GAWR(2)		Base Curb Weight (lbs.)		
				Front	Rear	Front	Rear	Total
Regular Cab 4x2 — 145.3/60	7.3L	14,000	8,040	4,100	10,300	3,290	2,603	5,893
	6.7L	14,000	7,360	4,700	10,300	3,865	2,705	6,570
Regular Cab 4x2 — 169.3/84	7.3L	14,000	7,960	4,550	10,300	3,376	2,595	5,971
	6.7L	14,000	7,260	5,300	10,300	3,999	2,672	6,671
Regular Cab 4x4 — 145.3/60	7.3L	14,000	7,700	4,400	10,300	3,522	2,711	6,233
	6.7L	14,000	6,970	5,200	10,300	4,223	2,737	6,960
Regular Cab 4x4 — 169.3/84	7.3L	14,000	7,560	5,200	10,300	3,746	2,625	6,371
	6.7L	14,000	6,850	5,600	10,300	4,369	2,702	7,071
SuperCab 4x2 — 167.9/60	7.3L	14,000	7,630	4,550	10,300	3,531	2,773	6,304
SuperCab 4x4 — 167.9/60	7.3L	14,000	7,240	5,200	10,300	3,874	2,816	6,690
	6.7L	14,000	6,520	5,600	10,300	4,476	2,927	7,403
Crew Cab 4x2 — 179.8/60	7.3L	14,000	7,540	4,550	10,300	3,590	2,802	6,392
	6.7L	14,000	6,850	5,300	10,300	4,177	2,901	7,078
Crew Cab 4x4 — 179.8/60	7.3L	14,000	7,140	5,200	10,300	3,960	2,832	6,792
	6.7L	14,000	6,440	5,600	10,300	4,547	2,931	7,478

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(2) Gross axle weight rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

NOTE: Front spring/GAWR on Chassis Cab models is assigned or specifically selected. Refer to "Chassis Cab — Available Front Spring/GAWR," for specific front spring/GAWR upgrades included in available packages.

Weight Ratings — F-450 DRW Chassis Cab

Cab Style/ Drive/ WB/CA (in.)	Engine	Maximum GVWR (lbs.) Std./ Avail.	Maximum Payload (lbs.)(1) Std./Avail.	Max. GAWR (lbs.)(2)		Base Curb Weight (lbs.)		
				Front	Rear	Front	Rear	Total

Regular Cab 4x2 — 145.3/60	7.3L	16,500/16,000/15,000	9,820/ 9,320/8,320	4,800/4,800/4,400	12,880	3,602	3,004	6,606
	6.7L	16,500/16,000/15,000	9,050/ 8,550/7,550	5,200	12,880	4,152	3,217	7,369
Regular Cab 4x2 — 169.3/84	7.3L	16,500/16,000/15,000	9,810/9,310/ 8,310	5,200	12,880	3,722	2,901	6,623
	6.7L	16,500/16,000/15,000	9,090/ 8,590/7,590	5,600	12,880	4,317	3,061	7,330
Regular Cab 4x2 — 193.3/108	7.3L	16,500/16,000/15,000	9,660/ 9,160/8,160	5,600	12,880	3,808	2,963	6,771
	6.7L	16,500/16,000/15,000	8,930/ 8,430/7,430	6,500/6,000/6,000	12,880	4,433	3,055	7,488
Regular Cab 4x2 — 205.3/120	7.3L	16,500/16,000/15,000	9,520/ 9,020/8,020	5,600	12,880	3,913	2,996	6,909
	6.7L	16,500/16,000/15,000	8,800/ 8,300/7,300	6,500/6.500/6,000	12,880	4,515	3,105	7,620
Regular Cab 4x4 — 145.3/60	7.3L	16,500/16,000/15,000	9,570/ 9,070/8,070	4,800	12,880	3,880	2,978	6,858
	6.7L	16,500/16,000/15,000	8,840/ 8,340/7,340	5,600	12,880	4,503	3,079	7,582
Regular Cab 4x4 — 169.3/84	7.3L	16,500/16,000/15,000	9,430/ 8,930/7,930	5,600/5,600/5,200	12,880	4,020	2,976	6,996
	6.7L	16,500/16,000/15,000	8,730/ 8,230/7,230	6,000	12,880	4,623	3,063	7,686
Regular Cab 4x4 — 193.3/108	7.3L	16,500/16,000/15,000	9,240/ 8,740/7,740	6,000	12,880	4,151	3,034	7,185
	6.7L	16,500/16,000/15,000	8,490/ 7,990/6,990	6,500	12,880	4,761	3,164	7,925
Regular Cab 4x4 — 205.3/120	7.3L	16,500/16,000/15,000	9,200/ 8,700/7,700	6,000	12,880	4,165	3,054	7,219
	6.7L	16,500/16,000/15,000	8,460/ 7,960/6,960	6,500	12,880	4,834	3,118	7,952
SuperCab 4x2 — 167.9/60	7.3L	16,500/16,000/15,000	9,430/ 8,930/7,930	5,200/5,200/5,200	12,880	3,850	3,146	6,996
SuperCab 4x2 — 191.9/84	6.7L	16,500/16,000/15,000	8,610/8,110/ 7,110	6,000	12,880	4,585	3,221	7,806
SuperCab 4x4 — 167.9/60	7.3L	16,500/16,000/15,000	9,120/8,620/ 7,620	5,200	12,880	4,121	3,177	7,298
	6.7L	16,500/16,000/15,000	8,420/ 7,920/6,920	6,000	12,880	4,731	3,269	8,000
SuperCab 4x4 — 191.9/84	7.3L	16,500/16,000/15,000	9,030/ 8,530/7,530	6,000/6,000/5,600	12,880	4,269	3,125	7,394
	6.7L	16,500/16,000/15,000	8,280/ 7,780/6,780	6,500	12,880	4,882	3,250	8,132
Crew Cab 4x2 — 179.8/60	7.3L	16,500/16,000/15,000	9,360/ 8,860/7,860	5,200	12,880	3,883	3,183	7,066
	6.7L	16,500/16,000/15,000	8,650/ 8,150/7,150	5,600	12,880	4,407	3,359	7,766
Crew Cab 4x2 — 203.8/84	7.3L	16,500/16,000/15,000	9,250/ 8,750/7,750	5,600	12,880	4,035	3,143	7,178
	6.7L	16,500/16,000/15,000	8,410/7,910/ 6,910	6,000	12,880	4,684	3,322	8,006

Crew Cab 4x4 — 179.8/60	7.3L	16,500/16,000/15,000	9,020/ 8,520/7,520	5,200	12,880	4,209	3,189	7,398
	6.7L	16,500/16,000/15,000	8,270/7,770/ 6,770	6,000	12,880	4,803	3,343	8,146
Crew Cab 4x4 — 203.8/84	7.3L	16,500/16,000/15,000	9,940/ 8,440/7,440	6,000/6,000/5,600	12,880	4,300	3,178	7,478
	6.7L	16,500/16,000/15,000	8,210/7,710/ 6,710	6,500	12,880	4,935	3,269	8,204

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(2) Gross axle weight rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

NOTE: Front spring/GAWR on Chassis Cab models is assigned or specifically selected. Refer to "Chassis Cab — Available Front Spring/GAWR," for specific front spring/GAWR upgrades included in available packages.

Weight Ratings — F-550 DRW Chassis Cab

Cab Style/ Drive/ WB/CA (in.)	Engine	Maximum GVWR (lbs.) Std./ Avail.	Maximum Payload (lbs.)(1) Std./Avail.	Max. GAWR (lbs.)(2)		Base Curb Weight (lbs.)		
				Front	Rear	Front	Rear	Total
Regular Cab 4x2 — 145.3/60	7.3L	18,000/ 17,500	11,320/ 10,820	4,800	13,660	3,602	3,004	6,606
	6.7L	18,000/ 17,500	10,550/ 10,050	5,200	13,660	4,152	3,217	7,369
	7.3L	19,000	12,270	4,800	13,900	3,626	3,035	6,661
	6.7L	19,500	12,050	5,200	14,706	4,183	3,186	7,369
Regular Cab 4x2 — 169.3/84	7.3L	18,000/ 17,500	11,310/10,810	5,200	13,660	3,722	2,901	6,623
	6.7L	18,000/ 17,500	10,590/ 10,090	6,000	13,660	4,317	3,013	7,330
	7.3L	19,500	12,700	5,600	14,706	3,666	3,060	6,726
	6.7L	19,500	11,950	6,000	14,706	4,319	3,149	7,468
Regular Cab 4x2 — 193.3/108	7.3L	18,000/ 17,500	11,160/ 10,660	6,000	13,660	3,808	2,963	6,771
	6.7L	18,000/ 17,500	10,430/ 9,930	6,500	13,660	4,433	3,055	7,488
	7.3L	19,500	12,530	6,000	14,706	3,815	3,084	6,899
	6.7L	19,500	11,790	6,500	14,706	4,470	3,159	7,629
Regular Cab 4x2 — 205.3/120	7.3L	18,000/ 17,500	11,020/ 10,520	6,000	13,660	3,913	2,996	6,909
	6.7L	18,000/ 17,500	10,300/ 9,800	6,500	13,660	4,515	3,105	7,620
	7.3L	19,500	12,490	6,000	14,706	3,904	3,030	6,934
	6.7L	19,500	11,770	7,000	14,706	4,508	3,144	7,652
Regular Cab 4x4 — 145.3/60	7.3L	18,000/ 17,500	11,070/ 10,570	5,200	13,660	3,880	2,978	6,858

	6.7L	18,000/ 17,500	10,340/ 9,840	5,600	13,660	4,503	3,079	7,582
	7.3L	19,000	12,010	5,200	13,900	3,902	3,018	6,920
	6.7L	19,500	11,870	5,600	14,706	4,445	3,105	7,550
Regular Cab 4x4 — 169.3/84	7.3L	18,000/ 17,500	10,930/ 10,430	5,600	13,660	4,020	2,976	6,996
	6.7L	18,000/ 17,500	10,230/ 9,730	6,000	13,660	4,623	3,063	7,686
	7.3L	19,500	12,340	5,600	14,706	4,040	3,043	7,083
	6.7L	19,500	11,660	6,500	14,706	4,608	3,151	7,759
Regular Cab 4x4 — 193.3/108	7.3L	18,000/ 17,500	10,740/ 10,240	6,500/6,000	13,660	4,151	3,034	7,185
	6.7L	18,000/ 17,500	9,990/9,490	7,000/6,500	13,660	4,761	3,164	7,925
	7.3L	19,500	12,190	6,500	14,706	4,040	3,043	7,083
	6.7L	19,500	11,480	7,000	14,706	4,608	3,151	7,759
Regular Cab 4x4 — 205.3/120	7.3L	18,000/ 17,500	10,700/ 10,200	6,500/6,000	13,660	4,165	3,054	7,219
	6.7L	18,000/ 17,500	9,960/9,460	7,000	13,660	4,834	3,118	7,952
	7.3L	19,500	12,090	6,500	14,706	4,232	3,098	7,330
	6.7L	19,500	11,410	7,000	14,706	4,859	3,144	8,003
SuperCab 4x2 — 167.9/60	7.3L	18,000/ 17,500	10,930/ 10,430	5,200	13,660	3,850	3,146	6,996
	7.3L	19,500	12,440	5,200	14,706	3,864	3,123	6,987
SuperCab 4x2 — 191.9/84	6.7L	18,000/ 17,500	10,110/9,610	6,500	13,660	4,585	3,221	7,806
	6.7L	19,500	11,530	6,500	14,706	4,577	3,313	7,890
SuperCab 4x4 — 167.9/60	7.3L	18,000/ 17,500	10,620/ 10,120	5,600	13,660	4,121	3,177	7,298
	6.7L	18,000/ 17,500	9,920/9,420	6,000	13,660	4,371	3,629	8,000
	7.3L	19,500	12,060	5,600	14,706	4,126	3,233	7,359
	6.7L	19,500	11,340	6,000	14,706	4,726	3,349	8,075
SuperCab 4x4 — 191.9/84	7.3L	18,000/ 17,500	10,530/ 10,030	6,000	13,660	4,269	3,125	7,394
	6.7L	18,000/ 17,500	9,780/9,280	6,500	13,660	4,882	3,250	8,132
	7.3L	19,500	11,950	6,000	14,706	4,272	3,199	7,471
	6.7L	19,500	11,230	6,500	14,706	4,869	3,312	8,181
Crew Cab 4x2 — 179.8/60	7.3L	18,000/ 17,500	10,860/ 10,360	5,200	13,660	3,883	3,183	7,066
	6.7L	18,000/ 17,500	10,150/ 9,650	5,600	13,660	4,407	3,359	7,766
	7.3L	19,500	12,280	5,200	14,706	3,885	3,262	7,147
	6.7L	19,500	11,530	6,000	14,706	4,536	3,346	7,882
Crew Cab 4x2 — 203.8/84	7.3L	18,000/ 17,500	10,750/ 10,250	5,600	13,660	4,035	3,143	7,178

	6.7L	18,000/ 17,500	9,910/9,410	6,500	13,660	4,684	3,322	8,006
	7.3L	19,500	12,190	6,000	14,706	4,028	3,202	7,230
	6.7L	19,500	11,450	6,500	14,706	4,640	3,326	7,966
Crew Cab 4x4 — 179.8/60	7.3L	18,000/ 17,500	10,520/ 10,020	5,600	13,660	4,209	3,189	7,398
	6.7L	18,000/ 17,500	9,770/9,270	6,000	13,660	4,803	3,343	8,146
	7.3L	19,500	11,960	5,600	14,706	4,199	3,260	7,459
	6.7L	19,500	11,230	6,000	14,706	4,796	3,390	8,186
Crew Cab 4x4 — 203.8/84	7.3L	18,000/ 17,500	10,440/ 9,940	6,000	13,660	4,300	3,178	7,478
	6.7L	18,000/ 17,500	9,710/9,210	6,500	13,660	4,935	3,269	8,204
	7.3L	19,500	11,830	6,000	14,706	4,343	3,243	7,586
	6.7L	19,500	11,120	6,500	14,706	4,933	3,355	8,288

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(2) Gross axle weight rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

NOTE: Front spring/GAWR on Chassis Cab models is assigned or specifically selected. Refer to "Chassis Cab — Available Front Spring/GAWR," for specific front spring/GAWR upgrades included in available packages.

Weight Ratings — F-600 DRW Chassis Cab

Cab Style/ Drive/ WB/CA (in.)	Engine	Maximum GVWR (lbs.) Std./ Avail.	Maximum Payload (lbs.)(1) Std./Avail.	Max. GAWR (lbs.)(2)		Base Curb Weight (lbs.)		
				Front	Rear	Front	Rear	Total
Regular Cab 4x2 — 145.3/60	7.3L	22,000	15,140	7,500	15,500	3,683	3,103	6,786
Regular Cab 4x2 — 145.3/60	6.7L	22,000	14,400	7,500	15,500	3,226	4,290	7,516
Regular Cab 4x2 — 169.3/84	7.3L	22,000	14,980	7,500	15,500	3,839	3,103	6,942
Regular Cab 4x2 — 169.3/84	6.7L	22,000	14,290	7,500	15,500	4,422	3,211	7,633
Regular Cab 4x2 — 193.3/108	7.3L	22,000	14,990	7,500	15,500	3,019	3,920	6,939
Regular Cab 4x2 — 193.3/108	6.7L	22,000	14,280	7,500	15,500	3,088	4,550	7,638
Regular Cab 4x2 — 205.3/120	7.3L	22,000	14,810	7,500	15,500	3,094	4,023	7,117

Regular Cab 4x2 — 205.3/120	6.7L	22,000	14,050	7,500	15,500	4,583	3,288	7,871
Regular Cab 4x4 — 145.3/60	7.3L	22,000	14,880	7,500	15,500	3,976	3,152	7,128
Regular Cab 4x4 — 145.3/60	6.7L	22,000	14,130	7,500	15,500	4,574	3,273	7,786
Regular Cab 4x4 — 169.3/84	7.3L	22,000	14,690	7,500	15,500	4,112	3,118	7,230
Regular Cab 4x4 — 169.3/84	6.7L	22,000	14,020	7,500	15,500	4,696	3,200	7,896
Regular Cab 4x4 — 193.3/108	7.3L	22,000	14,650	7,500	15,500	4,234	3,037	7,271
Regular Cab 4x4 — 193.3/108	6.7L	22,000	13,880	7,500	15,500	4,797	3,242	8,039
Regular Cab 4x4 — 205.3/120	7.3L	22,000	14,500	7,500	15,500	4,257	3,159	7,416
Regular Cab 4x4 — 205.3/120	6.7L	22,000	13,850	7,500	15,500	3,943	3,121	8,064

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(2) Gross axle weight rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

NOTE: Front spring/GAWR on Chassis Cab models is assigned or specifically selected. Refer to "Chassis Cab — Available Front Spring/GAWR," for specific front spring/GAWR upgrades included in available packages.

2024 SD Chassis Cabs > **Specs** > **Dimensions/Weights/Capacities** > Weight Ratings > Weight Ratings, Available Front GAWR

Available Front GAWR — F-350 SRW Chassis Cabs with Variable GVWR

Cab Style/ Drive/ WB/CA (in.)	Engine	GVWR (lbs.)	Front GAWR Max. Standard (lbs.)	Heavy-Service Suspension Package (lbs.)	Extra Heavy-Service Suspension Package (lbs.)	Ambulance Prep Package (lbs.)	Fire/Rescue Prep Package[1] (lbs.)	Snow Plow Prep Package (lbs.)
Regular Cab 4x2 — 145.3/60	7.3L	10,500	3,950	4,100	4,250	5,300	5,300	—
	6.7L	11,100	4,400	4,500	4,700	5,300	5,300	—
Regular Cab 4x4 — 145.3/60	7.3L	10,900	4,400	4,800	5,200	5,950	5,950	5,950
	6.7L	11,500	4,800	5,200	5,600	5,950	5,950	5,950
SuperCab 4x2 — 167.9/60	7.3L	10,900	4,400	4,550	4,700	5,300	5,300	—
	6.7L	11,500	5,000	5,300	5,300	5,300	5,300	—
SuperCab 4x4 — 167.9/60	7.3L	11,300	4,800	5,200	5,600	5,950	—	5,950
	6.7L	11,500	5,600	5,950	5,950	5,950	5,950	5,950
Crew Cab 4x2 —	7.3L	11,000	4,550	4,700	4,850	5,300	—	—

179.8/60	6.7L	11,500	5,300	5,300	5,300	5,300	5,300	—
Crew Cab 4x4 — 179.8/60	7.3L	11,400	5,200	5,600	5,990	5,990	—	5,950
	6.7L	11,500	5,600	5,950	5,950	5,950	5,950	5,950

(1) Ford vehicles equipped with the Fire/Rescue Prep Package with Special Emissions – for Diesel Engine (47J) NOT completed as Emergency Vehicles as defined per 40 CFR 86.1803.01 in the Federal Register void the Ford Warranty.

Available Front GAWR — F-350 DRW Chassis Cabs

Cab Style/ Drive/ WB/CA (in.)	Engine	GVWR (lbs.)	Front GAWR Max. Standard (lbs.)	Heavy-Service Suspension Package (lbs.)	Extra Heavy-Service Suspension Package (lbs.)	Ambulance Prep Package (lbs.)	Fire/Rescue Prep Package[1] (lbs.)	Snow Plow Prep Package (lbs.)
Regular Cab 4x2 — 145.3/60	7.3L	14,000	4,100	4,250	4,400	5,300	—	—
	6.7L	14,000	4,700	4,850	5,000	5,300	5,300	—
Regular Cab 4x2 — 169.3/84	7.3L	14,000	4,550	4,700	4,850	5,300	—	—
	6.7L	14,000	5,300	5,300	5,300	5,300	5,300	—
Regular Cab 4x4 — 145.3/60	7.3L	14,000	4,400	4,800	5,200	5,990	—	5,990
	6.7L	14,000	5,200	5,600	5,990	5,990	5,990	5,990
Regular Cab 4x4 — 169.3/84	7.3L	14,000	5,200	5,600	5,990	5,990	—	5,990
	6.7L	14,000	5,600	5,990	5,990	5,990	5,990	5,990
SuperCab 4x2 — 167.9/60	7.3L	14,000	4,550	4,700	4,850	5,300	—	—
	6.7L	14,000	5,300	5,300	5,300	5,300	5,300	—
SuperCab 4x4 — 167.9/60	7.3L	14,000	5,200	5,600	5,990	5,990	—	5,990
	6.7L	14,000	5,600	5,990	5,990	5,990	5,990	5,990
Crew Cab 4x2 — 179.8/60	7.3L	14,000	4,550	4,700	4,850	5,300	—	—
	6.7L	14,000	5,300	5,300	5,300	5,300	5,300	—
Crew Cab 4x4 — 179.8/60	7.3L	14,000	5,200	5,600	5,990	5,990	—	5,990
	6.7L	14,000	5,600	5,990	5,990	5,990	5,990	5,990

(1) Ford vehicles equipped with the Fire/Rescue Prep Package with Special Emissions – for Diesel Engine (47J) NOT completed as Emergency Vehicles as defined per 40 CFR 86.1803.01 in the Federal Register void the Ford Warranty.

Available Front GAWR — F-450 Chassis Cabs

Cab Style/ Drive/ WB/CA (in.)	Engine	GVWR Standard/ Optional/ Optional (lbs.)	Front GAWR Max. Standard (lbs.)	Heavy-Service Suspension Package (lbs.)	Extra Heavy-Service Suspension Package (lbs.)	Ambulance Prep Package (lbs.)	Fire/ Rescue Prep Package[1] (lbs.)	Snow Plow Prep Package (lbs.)	Extra Heavy-Duty Front-End Suspension[2] (lbs.)	Wrecker Package (lbs.)
Regular Cab 4x2 — 145.3/60	7.3L	16,500/ 16,000/ 15,000	4,800/ 4,800/ 4,400	5,200/ 5,200/4,800	5,600/ 5,600/5,200	7,000	—	6,000	7,500	7,000
	6.7L	16,500/ 16,000/ 15,000	5,200	5,600	6,000	7,000	7,000	6,500	7,500	7,000
Regular Cab 4x2 — 169.3/84	7.3L	16,500/ 16,000/ 15,000	5,200	5,600	6,000	7,000	—	6,000	7,500	—
	6.7L	16,500/ 16,000/ 15,000	5,600	6,000	6,500	7,000	7,000	6,500	7,500	—
Regular Cab 4x2 — 193.3/108	7.3L	16,500/ 16,000/ 15,000	5,600	6,000	6,500	7,000	—	6,000	7,500	—
	6.7L	16,500/ 16,000/ 15,000	6,500/ 6,000/ 6,000	7,000/ 6,500/6,500	7,000	7,000	7,000	7,000	7,500	—
Regular Cab 4x2 — 205.3/120	7.3L	16,500/ 16,000/ 15,000	6,000/ 5,600/ 5,600	6,500/ 6,000/ 6,000	7,000/ 6,500/6,500	7,000	—	6,000	7,500	—
	6.7L	16,500/ 16,000/ 15,000	6,500/ 6,000	7,000/ 7,000/6,500	7,000	7,000	7,000	7,000	7,500	—
Regular Cab 4x4 — 145.3/60	7.3L	16,500/ 16,000/ 15,000	4,800	5,200	5,600	7,000	—	6,500	7,500	7,000
	6.7L	16,500/ 16,000/ 15,000	5,600	6,000	6,500	7,000	7,000	7,000	7,500	7,000
Regular Cab 4x4 — 169.3/84	7.3L	16,500/ 16,000/ 15,000	5,600/ 5,600/ 5,200	6,000	6,500	7,000	—	6,500	7,500	—
	6.7L	16,500/ 16,000/ 15,000	6,000	6,500	7,000	7,000	7,000	7,000	7,500	—
Regular Cab 4x4 — 193.3/108	7.3L	16,500/ 16,000/ 15,000	6,000	6,500	7,000	7,000	—	6,500	7,500	—
	6.7L	16,500/ 16,000/ 15,000	6,500	7,000	7,000	7,000	7,000	7,000	7,500	—
Regular Cab 4x4 — 205.3/120	7.3L	16,500/ 16,000/ 15,000	6,000	6,500	7,000	7,000	—	6,500	7,500	—
	6.7L	16,500/ 16,000/ 15,000	6,500	7,000	7,000	7,000	7,000	7,000	7,500	—
SuperCab 4x2 — 167.9/60	7.3L	16,500/ 16,000/ 15,000	5,200	5,600	6,000	7,000	—	6,000	7,500	—
	6.7L	16,500/ 16,000/ 15,000	5,600	6,000	6,500	7,000	7,000	7,000	7,500	—

SuperCab 4x2 — 191.9/84	7.3L	16,500/ 16,000/ 15,000	5,600	6,000	6,500	7,000	—	6,500	7,500	—
	6.7L	16,500/ 16,000/ 15,000	6,000	6,500	7,000	7,000	7,000	7,000	7,500	—
SuperCab 4x4 — 167.9/60	7.3L	16,500/ 16,000/ 15,000	5,200	6,000	6,000	7,000	—	6,500	7,500	—
	6.7L	16,500/ 16,000/ 15,000	6,000	6,500	7,000	7,000	7,000	7,000	7,500	—
SuperCab 4x4 — 191.9/84	7.3L	16,500/ 16,000/ 15,000	6,000/ 6,000/ 5,600	7,000/ 7,000/6,000	7,000/ 7,000/6,500	7,000	—	6,500	7,500	—
	6.7L	16,500/ 16,000/ 15,000	6,500	7,000	7,000	7,000	7,000	7,000	7,500	—
Crew Cab 4x2 — 179.8/60	7.3L	16,500/ 16,000/ 15,000	5,200	6,000	6,000	7,000	—	6,000	7,500	—
	6.7L	16,500/ 16,000/ 15,000	5,600	6,500	6,500	7,000	7,000	7,000	7,500	—
Crew Cab 4x2 — 203.8/84	7.3L	16,500/ 16,000/ 15,000	5,600	6,500	6,500	7,000	—	6,500	7,500	—
	6.7L	16,500/ 16,000/ 15,000	6,000	7,000	7,000	7,000	7,000	7,000	7,500	—
Crew Cab 4x4 — 179.8/60	7.3L	16,500/ 16,000/ 15,000	5,600/ 5,200/ 5,200	6,500/ 6,500/ 6,000	6,500/ 6,500/ 6,000	7,000	—	6,500	7,500	—
	6.7L	16,500/ 16,000/ 15,000	6,000	7,000	7,000	7,000	7,000	7,000	7,500	—
Crew Cab 4x4 — 203.8/84	7.3L	16,500/ 16,000/ 15,000	6,000/ 6,000/ 5,600	7,000/ 7,000/6,500	7,000/ 7,000/6,500	7,000	—	6,500	7,500	—
	6.7L	16,500/ 16,000/ 15,000	6,500	7,000	7,000	7,000	7,000	7,000	7,500	—

(1) Ford vehicles equipped with the Fire/Rescue Prep Package with Special Emissions – for Diesel Engine (47J) NOT completed as Emergency Vehicles as defined per 40 CFR 86.1803.01 in the Federal Register void the Ford Warranty.

(2) Requires 4.30 or 4.88 axle ratio.

Available Front GAWR — F-550 Chassis Cabs

Cab Style/ Drive/ WB/CA (in.)	Engine	GVWR Standard/ Optional/ Optional (lbs.)	Front GAWR Max. Standard (lbs.)	Heavy-Service Suspension Package (lbs.)	Extra Heavy-Service Suspension Package (lbs.)	Ambulance Prep Package (lbs.)	Fire/ Rescue Prep Package(1) (lbs.)	Snow Plow Prep Package (lbs.)	Extra Heavy-Duty Front-End Suspension(2) (lbs.)

Regular Cab 4x2 — 145.3/60	7.3L	18,000/ 17,500/ 19,000	4,800/ 4,800/ 5,600	5,200/ 5,200/6,000	5,600/ 5,600/6,500	7,000	7,000	6,000	7,500
	6.7L	18,000/ 17,500/ 19,500	5,200	5,600	6,000	7,000	7,000	6,500	7,500
Regular Cab 4x2 — 169.3/84	7.3L	18,000/ 17,500/ 19,500	5,200/ 5,200/ 5,600	5,600/ 5,600/ 6,000	6,000/ 6,000/ 6,500	7,000	7,000	6,000	7,500
	6.7L	18,000/ 17,500/ 19,500	6,000	6,500	7,000	7,000	7,000	6,500	7,500
Regular Cab 4x2 — 193.3/108	7.3L	18,000/ 17,500/ 19,500	6,000	6,500	7,000	7,000	7,000	6,000	7,500
	6.7L	18,000/ 17,500/ 19,500	6,500	7,000	7,000	7,000	7,000	7,000	7,500
Regular Cab 4x2 — 205.3/120	7.3L	18,000/ 17,500/ 19,500	6,000	6,500	7,000	7,000	7,000	6,000	7,500
	6.7L	18,000/ 17,500/ 19,500	6,500/ 6,500/ 7,000	7,000	7,000	7,000	7,000	7,000	7,500
Regular Cab 4x4 — 145.3/60	7.3L	18,000/ 17,500/ 19,000	4,800/ 4,800/ 6,000	5,200/ 5,200/6,000	5,600/ 5,600/6,500	7,000	7,000	6,500	7,500
	6.7L	18,000/ 17,500/ 19,500	5,600	6,000	6,500	7,000	7,000	7,000	7,500
Regular Cab 4x4 — 169.3/84	7.3L	18,000/ 17,500/ 19,500	5,600	6,000	6,500	7,000	7,000	6,500	7,500
	6.7L	18,000/ 17,500/ 19,500	6,000/ 6,000/ 6,500	6,500/ 6,500/7,000	7,000	7,000	7,000	7,000	7,500
Regular Cab 4x4 — 193.3/108	7.3L	18,000/ 17,500/ 19,500	6,500/ 6,000/ 6,500	7,000/ 6,500/7,000	7,000	7,000	7,000	6,500	7,500
	6.7L	18,000/ 17,500/ 19,500	7,000/ 6,500/ 7,000	7,000	7,000	7,000	7,000	7,000	7,500
Regular Cab 4x4 — 205.3/120	7.3L	18,000/ 17,500/ 19,500	6,500/ 6,000/ 6,500	7,000/ 6,500/7,000	7,000	7,000	7,000	6,500	7,500
	6.7L	18,000/ 17,500/ 19,500	7,000	7,000	7,000	7,000	7,000	7,000	7,500
SuperCab 4x2 — 167.9/60	7.3L	18,000/ 17,500/ 19,500	5,200	5,600	6,000	7,000	7,000	6,000	7,500
	6.7L	18,000/ 17,500/ 19,500	5,600	6,000	6,500	7,000	7,000	7,000	7,500
SuperCab 4x2 — 191.9/84	7.3L	18,000/ 17,500/ 19,500	5,600/ 5,600/ 6,000	6,000/ 6,000/ 6,500	6,500/ 6,500/7,000	7,000	7,000	6,500	7,500
	6.7L	18,000/ 17,500/	6,500	7,000	7,000	7,000	7,000	7,000	7,500

		19,500							
SuperCab 4x4 — 167.9/60	7.3L	18,000/ 17,500/ 19,500	5,600/ 5,200/ 5,600	6,000/ 5,600/ 6,000	6,500/ 6,000/ 6,500	7,000	7,000	6,500	7,500
	6.7L	18,000/ 17,500/ 19,500	6,000	6,500	7,000	7,000	7,000	7,000	7,500
SuperCab 4x4 — 191.9/84	7.3L	18,000/ 17,500/ 19,500	6,000	6,500	7,000	7,000	7,000	6,500	7,500
	6.7L	18,000/ 17,500/ 19,500	6,500	7,000	7,000	7,000	7,000	7,000	7,500
Crew Cab 4x2 — 179.8/60	7.3L	18,000/ 17,500/ 19,500	5,200	5,600	6,000	7,000	7,000	6,000	7,500
	6.7L	18,000/ 17,500/ 19,500	5,600/ 5,600/ 6,000	6,000/ 6,000/ 6,500	6,500/ 6,500/7,000	7,000	7,000	7,000	7,500
Crew Cab 4x2 — 203.8/84	7.3L	18,000/ 17,500/ 19,500	5,600/ 5,600/ 6,000	6,000/ 6,000/ 6,500	6,500/ 6,500/7,000	7,000	7,000	6,500	7,500
	6.7L	18,000/ 17,500/ 19,500	6,500	7,000	7,000	7,000	7,000	7,000	7,500
Crew Cab 4x4 — 179.8/60	7.3L	18,000/ 17,500/ 19,500	5,600	6,000	6,500	7,000	7,000	6,500	7,500
	6.7L	18,000/ 17,500/ 19,500	6,000	6,500	7,000	7,000	7,000	7,000	7,500
Crew Cab 4x4 — 203.8/84	7.3L	18,000/ 17,500/ 19,500	6,000	6,500	7,000	7,000	7,000	6,500	7,500
	6.7L	18,000/ 17,500/ 19,500	6,500	7,000	7,000	7,000	7,000	7,000	7,500

(1) Ford vehicles equipped with the Fire/Rescue Prep Package with Special Emissions – for Diesel Engine (47J) NOT completed as Emergency Vehicles as defined per 40 CFR 86.1803.01 in the Federal Register void the Ford Warranty.

(2) Requires 4.30 or 4.88 axle ratio.

Available Front GAWR — F-600 Chassis Cabs

Cab Style/ Drive/ WB/CA (in.)	Engine	GVWR Standard (lbs.)	Front GAWR Max. Standard (lbs.)	Heavy-Service Suspension Package (lbs.)	Extra Heavy-Service Suspension Package (lbs.)	Ambulance Prep Package (lbs.)	Fire/ Rescue Prep Package(1) (lbs.)	Snow Plow Prep Package (lbs.)	Extra Heavy-Duty Front-End Suspension(2) (lbs.)
Regular Cab 4x2 — 145.3/60	7.3L	22,000	7,500	—	—	7,500	7,500	7,500	—
Regular Cab 4x2 —	6.7L	22,000	7,500	—	—	7,500	7,500	7,500	—

145.3/60									
Regular Cab 4x2 — 169.3/84	7.3L	22,000	7,500	—	—	7,500	7,500	7,500	—
Regular Cab 4x2 — 169.3/84	6.7L	22,000	7,500	—	—	7,500	7,500	7,500	—
Regular Cab 4x2 — 193.3/108	7.3L	22,000	7,500	—	—	7,500	7,500	7,500	—
Regular Cab 4x2 — 193.3/108	6.7L	22,000	7,500	—	—	7,500	7,500	7,500	—
Regular Cab 4x2 — 205.3/120	7.3L	22,000	7,500	—	—	7,500	7,500	7,500	—
Regular Cab 4x2 — 205.3/120	6.7L	22,000	7,500	—	—	7,500	7,500	7,500	—
Regular Cab 4x4 — 145.3/60	7.3L	22,000	7,500	—	—	7,500	7,500	7,500	—
Regular Cab 4x4 — 145.3/60	6.7L	22,000	7,500	—	—	7,500	7,500	7,500	—
Regular Cab 4x4 — 169.3/84	7.3L	22,000	7,500	—	—	7,500	7,500	7,500	—
Regular Cab 4x4 — 169.3/84	6.7L	22,000	7,500	—	—	7,500	7,500	7,500	—
Regular Cab 4x4 — 193.3/108	7.3L	22,000	7,500	—	—	7,500	7,500	7,500	—
Regular Cab 4x4 — 193.3/108	6.7L	22,000	7,500	—	—	7,500	7,500	7,500	—
Regular Cab 4x4 — 205.3/120	7.3L	22,000	7,500	—	—	7,500	7,500	7,500	—
Regular Cab 4x4 — 205.3/120	6.7L	22,000	7,500	—	—	7,500	7,500	7,500	—

(1) Ford vehicles equipped with the Fire/Rescue Prep Package with Special Emissions — for Diesel Engine (47J) NOT completed as Emergency Vehicles as defined per 40 CFR 86.1803.01 in the Federal Register void the Ford Warranty.

(2) Requires 4.30 or 4.88 axle ratio.

2024 SD Chassis Cabs > Specs

Standard Equipment

F-350 DRW Chassis Cab

F-350 SRW Chassis Cab

F-450 Chassis Cab

F-550 Chassis Cab

F-600 Chassis Cab

2024 SD Chassis Cabs > Specs > Standard Equipment

F-350 SRW Chassis Cab

DRIVE		4x2	4x4
POWERTRAIN		Refer to the ordering guide for 50 states usage	
Engine	Type	7.3L PFI V8	
Transmission	Type	TorqShift automatic	
	Speeds	10-speed with Selectable Drive Modes	
Transfer Case	Type	—	Part-time, 2-speed
	Low/High Gear Ratio	—	2.64:1/1.00:1
AXLES			
Front Axle	Type	Twin I-beam IFS, Ford	Monobeam, Dana M256
	Front GAWR (FGAWR)	4,550 lbs.	5,200 lbs.
	Hubs Type	—	Manually locking
Rear Axle	Type — Full-floating	Sterling/Dana M275 on F-350 SRW diesel only	
	Rear GAWR (RGAWR)	6,780 lbs.	
BRAKES			
Front/Rear Disc	Type	Dual-piston pin-slider calipers, bolt-on adapters, wraparound tie bars	
	Rotor Diameter — Front/Rear (in.)	14.29/14.29	
Power Assist Unit	Type	Vacuum boost (gas)	
	Effective Diameter (in.)	10.0	
Anti-Lock Brake System		4-wheel (4-channel); AdvanceTrac with RSC (Roll Stability Control)	
Parking Brake (rear)		9.06" drum-in-hat (foot-operated, hand release)	
ELECTRICAL			
Alternator	Rating	250-AH single	
Battery	Type	Maintenance-free	
	Rating	72-AH, 650 CCA (gas) (dual 78-AH, 12-volt; 750 CCA with 6.7L V8 diesel)	
Harnesses	Type	7 blunt-cut and labeled wires with relays for backup lamps, running lamps, battery feed, LH/RH stop/turn lamps and a ground	
FUEL TANK	Capacity	26.5-gallon midship-mounted tank	
STEERING	Type	Hydraulic power-assisted steering with recirculating ball gear and steering damper	
	Ratio	Variable	
SUSPENSION			
Frame	Type	Boxed under cab, rear open C, 50,000 psi, steel	
	Section Modulus (cu. in.)	12.7	
Springs, Front	Type	Coil, assigned rating	
	Rating @ Ground (min.)	Refer to weight ratings for usage and ratings	
Springs, Rear	Type	Leaf, single-stage, constant-rate main plus auxiliary	
	Rating @ Ground (min.)	Refer to weight ratings for usage and ratings	
Shock Absorbers	Gas-type (in.)	1.38	
Stabilizer Bar	Front/Rear (mm)	34/21.5 (gas) 34/24 (diesel)	24/21.5 (gas) 24/24 (diesel)

TIRES	Type	Steel-belted radial, all-season, BSW	
	Size	Four, LT275/65Rx18E	Four, LT275/70Rx18E
WHEELS	Type	8-hole disc, steel (four)	
	Size (in.)	18 x 8 J	

— = Not Available

NOTE: Refer to Weight Ratings for Standard and Available Weight Rating Specifications (GVWR/Payload/Spring and GAWR Base Curb Weight).

2024 SD Chassis Cabs > Specs > Standard Equipment

F-350 DRW Chassis Cab

DRIVE		4x2	4x4
POWERTRAIN		Refer to the ordering guide for 50 states usage	
Engine	Type	7.3L PFI V8	
Transmission	Type	TorqShift automatic	
	Speeds	10-speed with Selectable Drive Modes	
Transfer Case	Type	—	Part-time, 2-speed
	Low/High Gear Ratio	—	2.64:1/1.00:1
AXLES			
Front Axle	Type	Twin I-beam IFS, Ford	Monobeam, Dana M256
	Front GAWR (FGAWR)	4,550 lbs.	5,200 lbs.
	Hubs Type	—	Manually locking
Rear Axle	Type — Full-floating	Dana M300	
	Rear GAWR (RGAWR)	10,300 lbs.	
BRAKES			
Front/Rear Disc	Type	Dual-piston pin-slider calipers, bolt-on adapters, wraparound tie bars	
	Rotor Diameter — Front/Rear (in.)	14.29/14.29	
Power Assist Unit	Type	Hydro-boost	
	Effective Diameter (in.)	1.56 power piston	
Anti-Lock Brake System		4-wheel (4-channel); AdvanceTrac with RSC (Roll Stability Control)	
Parking Brake (rear)		9.06" drum-in-hat (foot-operated, hand release)	
ELECTRICAL			
Alternator	Rating	250-AH single	
Battery	Type	Maintenance-free	
	Rating	72-AH, 650 CCA (gas) (dual 78-AH, 12-volt; 750 CCA with 6.7L V8 diesel)	
Harnesses	Type	7 blunt-cut and labeled wires with relays for backup lamps, running lamps, battery feed, LH/RH stop/turn lamps and a ground	
FUEL TANK	Capacity	40-gallon aft-of-axle-mounted tank (std), 26.5-gallon midship-mounted and 40-gallon aft-of-axle-mounted dual tanks (diesel)	
STEERING	Type	Hydraulic power-assisted steering with recirculating ball gear and steering damper	

	Ratio	Variable	
SUSPENSION			
Frame	Type	Boxed under-cab, rear open C, 50,000 psi, steel	
	Section Modulus (cu. in.)	12.7	
Springs, Front	Type	Coil, assigned rating	
	Rating @ Ground (min.)	Refer to weight ratings for usage and ratings	
Springs, Rear	Type	Leaf, single-stage, constant-rate main plus auxiliary	
	Rating @ Ground (min.)	Refer to weight ratings for usage and ratings	
Shock Absorbers	Gas-type (in.)	1.38	
Stabilizer Bar	Front/Rear (mm)	34/26 (gas) 34/31 (diesel)	24/26 (gas) 28/31 (diesel)
TIRES	Type	Steel-belted radial, all-season, BSW	
	Size	Six, LT245/75Rx17E	
WHEELS	Type	8-hole disc, steel (six)	
	Size (in.)	17 x 6.5 J	

— = Not Available

NOTE: Refer to Weight Ratings for Weight Rating Specifications (GVWR/Payload/Spring and GAWR Base Curb Weight).

2024 SD Chassis Cabs > Specs > Standard Equipment

F-450 Chassis Cab

DRIVE		4x2	4x4
POWERTRAIN		Refer to the ordering guide for 50 states usage	
Engine	Type	7.3L PFI V8 gas	
Transmission	Type	TorqShift automatic	
	Speeds	10-speed with Selectable Drive Modes	
Transfer Case	Type	—	Part-time, 2-speed
	Low/High Gear Ratio	—	2.64:1/1.00:1
AXLES			
Front Axle	Type	Monobeam, Dana M256	
	Front GAWR (FGAWR)	6,000 lbs.	
	Hubs Type	—	Manually locking
Rear Axle	Type — Full-floating	Dana M300	
	Rear GAWR (RGAWR)	12,880 lbs.	
BRAKES			
Front/Rear Disc	Type	Dual-piston pin-slider calipers, bolt-on adapters, wraparound tie bars	
	Rotor Diameter — Front/Rear (in.)	15.39/15.75	
Power Assist Unit	Type	Hydro-boost	
	Effective Diameter (in.)	1.56 power piston	
Anti-Lock Brake System		4-wheel (4-channel); AdvanceTrac with RSC (Roll Stability Control)	

Parking Brake (rear)		9.5" drum-in-hat (foot-operated, hand release)
ELECTRICAL		
Alternator	Rating	250-AH single
Battery	Type	Maintenance-free
	Rating	78-AH, 650 CCA (gas) (dual 78-AH, 12-volt; 750 CCA with 6.7L V8 diesel)
Harnesses	Type	7 blunt-cut and labeled wires with relays for backup lamps, running lamps, battery feed, LH/RH stop/turn lamps and a ground
FUEL TANK	Capacity	40-gallon aft-of-axle-mounted tank (std), 26.5-gallon midship-mounted and 40-gallon aft-of-axle-mounted dual tanks (diesel)
STEERING	Type	Hydraulic power-assisted steering with recirculating ball gear and steering damper
	Ratio	Variable
SUSPENSION		
Frame	Type	Boxed under-cab, rear open C, 50,000 psi, steel
	Section Modulus (cu. in.)	12.7 with 191.9", 193.3" and 203.8" wheelbases or Payload Package
Springs, Front	Type	Coil, assigned rating
	Rating @ Ground (min.)	Refer to weight ratings for usage and ratings
Springs, Rear	Type	Leaf, single-stage, constant-rate main plus auxiliary
	Rating @ Ground (min.)	Refer to weight ratings for usage and ratings
Shock Absorbers	Gas-type (in.)	1.38
Stabilizer Bar	Front/Rear (mm)	35/31 (gas & diesel)
TIRES	Type	Steel-belted radial, all-season, BSW
	Size	Six, 225/70Rx19.5G
WHEELS	Type	10-hole disc, steel (six)
	Size (in.)	19.5 x 6 J

— = Not Available

NOTE: Refer to Weight Ratings for Standard/Available Weight Rating Specifications (GVWR/Payload/Spring and GAWR/Base Curb Weight).

2024 SD Chassis Cabs > Specs > Standard Equipment

F-550 Chassis Cab

DRIVE		4x2	4x4
POWERTRAIN		Refer to the ordering guide for 50 states usage	
Engine	Type	7.3L PFI V8 gas	
Transmission	Type	TorqShift automatic	
	Speeds	10-speed with Selectable Drive Modes	
Transfer Case	Type	—	Part-time, 2-speed
	Low/High Gear Ratio	—	264:1/1.00:1
AXLES			
Front Axle	Type	Monobeam, Dana M256	

	Front GAWR (FGAWR)	6,500 lbs.	
	Hubs Type	—	Manually locking
Rear Axle	Type — Full-floating	Dana M300	
	Rear GAWR (RGAWR)	14,706 lbs.	
BRAKES			
Front/Rear Disc	Type	Dual-piston pin-slider calipers, bolt-on adapters, wraparound tie bars	
	Rotor Diameter — Front/Rear (in.)	15.39/15.75	
Power Assist Unit	Type	Hydro-boost	
	Effective Diameter (in.)	1.56 power piston	
Anti-Lock Brake System		4-wheel (4-channel); AdvanceTrac with RSC (Roll Stability Control)	
Parking Brake (rear)		9.5" drum-in-hat (foot-operated, hand release)	
ELECTRICAL			
Alternator	Rating	250-AH single	
Battery	Type	Maintenance-free	
	Rating	78-AH, 650 CCA (gas) (Dual 78-AH, 12-volt; 750 CCA with 6.7L V8 Diesel)	
Harnesses	Type	7 blunt-cut and labeled wires with relays for backup lamps, running lamps, battery feed, LH/RH stop/turn lamps and a ground	
FUEL TANK	Capacity	40-gallon aft-of-axle-mounted tank (std), 26.5-gallon midship-mounted and 40-gallon aft-of-axle-mounted dual tanks (diesel)	
STEERING	Type	Hydraulic power-assisted steering with recirculating ball gear and steering damper	
	Ratio	Variable	
SUSPENSION			
Frame	Type	Boxed under-cab, rear open C, 50,000 psi, steel	
	Section Modulus (cu. in.)	12.7 with 191.9", 193.3" and 205.8" wheelbases, or Payload Package	
Springs, Front	Type	Coil, assigned rating	
	Rating @ Ground (min.)	Refer to weight ratings for usage and ratings	
Springs, Rear	Type	Leaf, single-stage, constant-rate main plus auxiliary	
	Rating @ Ground (min.)	Refer to weight ratings for usage and ratings	
Shock Absorbers	Gas-type (in.)	1.38	
Stabilizer Bar	Front/Rear (mm)	35/31 (gas & diesel)	
TIRES	Type	Steel-belted radial, all-season, BSW	
	Size	Six, 225/70Rx19.5G	
WHEELS	Type	10-hole disc, steel (six)	
	Size (in.)	19.5 x 6 J	

— = Not Available

NOTE: Refer to Weight Ratings for Standard/Available Weight Rating Specifications (GVWR/Payload/Spring and GAWR/Base Curb Weight).

2024 SD Chassis Cabs > Specs > Standard Equipment

F-600 Chassis Cab

DRIVE		4x2	4x4
POWERTRAIN		Refer to the ordering guide for 50 states usage	
Engine	Type	7.3L PFI V8 gas	
Transmission	Type	TorqShift automatic	
	Speeds	10-speed with Selectable Drive Modes	
Transfer Case	Type	—	Part-time, 2-speed
	Low/High Gear Ratio	—	264:1/1.00:1
AXLES			
Front Axle	Type	Monobeam, Dana M256	
	Front GAWR (FGAWR)	7,500 lbs.	
	Hubs Type	—	Manually locking
Rear Axle	Type — Full-floating	Dana M300	
	Rear GAWR (RGAWR)	15,500 lbs.	
BRAKES			
Front/Rear Disc	Type	Dual-piston pin-slider calipers, bolt-on adapters, wraparound tie bars	
	Rotor Diameter — Front/Rear (in.)	15.39/15.75	
Power Assist Unit	Type	Hydro-boost	
	Effective Diameter (in.)	1.56 power piston	
Anti-Lock Brake System		4-wheel (4-channel); AdvanceTrac with RSC (Roll Stability Control)	
Parking Brake (rear)		9.5" drum-in-hat (foot-operated, hand release)	
ELECTRICAL			
Alternator	Rating	250-AH single	
Battery	Type	Maintenance-free	
	Rating	78-AH, 650 CCA (gas) (Dual 78-AH, 12-volt; 750 CCA with 6.7L V8 diesel)	
Harnesses	Type	7 blunt-cut and labeled wires with relays for backup lamps, running lamps, battery feed, LH/RH stop/turn lamps and a ground	
FUEL TANK	Capacity	40-gallon aft-of-axle-mounted tank (std), 26.5-gallon midship-mounted and 40-gallon aft-of-axle-mounted dual tanks (diesel)	
STEERING	Type	Hydraulic power-assisted steering with recirculating ball gear and steering damper	
	Ratio	Variable	
SUSPENSION			
Frame	Type	Boxed under-cab, rear open C, 50,000 psi, steel	
	Section Modulus (cu. in.)	12.7 with 145.3", 169.3", 193.3" and 205.8" wheelbases	
Springs, Front	Type	Coil, assigned rating	
	Rating @ Ground (min.)	Refer to weight ratings for usage and ratings	
Springs, Rear	Type	Leaf, single-stage, constant-rate main plus auxiliary	
	Rating @ Ground (min.)	Refer to weight ratings for usage and ratings	
Shock Absorbers	Gas-type (in.)	1.38	
Stabilizer Bar	Front/Rear (mm)	35/31 (gas & diesel)	
TIRES	Type	Steel-belted radial, all-season, BSW	
	Size	Six, 245/70Rx19.5G	

WHEELS	Type	10-hole disc, steel (six)
	Size (in.)	19.5 x 6.75 J

— = Not Available

NOTE: Refer to Weight Ratings for Standard/Available Weight Rating Specifications (GVWR/Payload/Spring and GAWR/Base Curb Weight).

2024 SD Chassis Cabs > Specs

Powertrain

Automatic Transmission Specifications
Auxiliary Automatic Transmission Oil Cooler Applications
Cooling System Specifications
Engine
Fuel System Data
Transfer Case Specifications
Urea (DEF) Diesel Aftertreatment

2024 SD Chassis Cabs > Specs > Powertrain

Automatic Transmission Specifications

Make/Type	TorqShift 10-Speed with Selectable Drive Modes (10R140)
Engine	All
Ratios (to 1)	
1st	4.62
2nd	2.92
3rd	2.13
4th	1.77
5th	1.52
6th	1.28
7th	1.00
8th	0.85
9th	0.69
10th	0.63
Reverse	4.70
Converter Stall Ratio	1.97:1
Lubricant Capacity (qts./liters)	18.1/17.1
Power Takeoff Data	
Opening	SAE 10-bolt, LH side
Gear Ratio	1.13:1 (over-driven)
Pitch Line Diameter Velocity @ 1,000 Engine RPM (ft./min.)	1,120 (G1 and G3 pump) 990 (G2 pump)
RPM @ 1,000 Engine RPM	1,000 (G1 and G3 pump) 1,130 (G2 pump)
Number of Teeth	52 (G1 and G3 pump) 46 (G2 pump)
Pitch Diameter (in./mm)	4.3/108.6 (G1 and G3 pump) 3.8/96.1 (G2 pump)
Module	2.1 (all pumps)

Normal Pressure Angle (degrees)	19.1 (all pumps)
Helix Angle	Spur Gear

2024 SD Chassis Cabs > Specs > Powertrain

Auxiliary Automatic Transmission Oil Cooler Applications

Model	Engine	Transmission	Cooler — No. of Channels
All	7.3L PFI V8	10-speed Automatic Overdrive	11
	6.7L Power Stroke V8 Turbo Diesel	10-speed Automatic Overdrive	11

2024 SD Chassis Cabs > Specs > Powertrain

Engine

Driveline Layout	Front Engine, Rear Wheel (RWD) or 4x4	
Engine Type	6.7L Power Stroke V8 Turbo Diesel	7.3L PFI Gas V8
Displacement (liters/cu. in.)	6.7/406	7.3/445
Horsepower (@ rpm)	330 @ 2,200	335 @ 3,750
Torque (lb.-ft. @ rpm)	950 @ 1,800	468 @ 3,750
Compression Ratio	15.2:1	10.5:1
Valvetrain	OHV	OHV
Valve Operation	Push rod/rocker arms	Push rod/rocker arms
Bore & Stroke (in.)	3.90 x 4.25	4.21 x 3.98
Main Bearings	5	5
Induction	Single turbocharged	Naturally aspirated
Fuel System	High-pressure common rail	Port fuel injection
Fuel Requirement (octane)	ULSD diesel/B20 biodiesel	87 (min.)

PERFORMANCE NOTE: Horsepower and torque are independent attributes and may not be achieved simultaneously.

2024 SD Chassis Cabs > Specs > Powertrain

Fuel System Data

Electronic Fuel Injection	7.3L PFI V8	Port fuel injection
	6.7L Power Stroke V8 Turbo Diesel	High-pressure common rail fuel system
Fuel Pump	All engines	Single electric in-tank high-pressure (one per tank)
Fuel Filter	7.3L PFI V8	In-tank large-capacity (one)

	6.7L Power Stroke V8 Turbo Diesel	Full-flow, disposable filter/in-line water separator
Air Cleaner	All engines	Dry element, replaceable

2024 SD Chassis Cabs > Specs > Powertrain

Transfer Case Specifications

Make and Model	New Venture 271	New Venture 273
Application	Manual mechanical shift	Electric shift (rotary control)
Type	2-speed planetary gears	
Lubricant Capacity (pts.)	4.0	
Gear Ratio — High	1.00:1	
Gear Ratio — Low	2.64:1	
Case Material	Aluminum	

2024 SD Chassis Cabs > Specs > Powertrain

Cooling System Specifications

Engine	Cooling	Trans. Usage	Radiator								Fan Specifications		
			Frontal Area (sq. in.)	Core Size (in.)			Rows of Tubes	Fins Per Inch	Cooling System Capacity qts. (liters)	In-Tank Trans. Cooler	Type	No. of Blades	Blade Dia. (in.)
				Height	Width	Thick.							
7.3L PFI V8	Std.	All	837	27.5	30.4	1.02	1	12.1	27.5 (26)	Std	Plastic	8	20.0
6.7L Power Stroke V8 Turbo Diesel Main Loop	Std.	All	1,102	28.7	38.4	1.34	1	16.0	27.8 (26.3)	None	Plastic	9	24.6
6.7L Power Stroke V8 Turbo Diesel Secondary Loop	Std.	All	828	21.0	39.4	1.34	1	18.0	8.13 (7.7)	Frame-Mounted Oil-to-Coolant Heat Exchanger	Plastic	9	24.6

2024 SD Chassis Cabs > Specs > Powertrain

Urea (DEF) Diesel Aftertreatment

Availability	Location	Capacity (gallons)	Tank Type
Diesel Chassis Cab	Inboard on Frame Rail	7.2	Plastic (urea corrosive to metal)

1. Ford material spec: WWS-M99C130-A.
2. Heated urea delivery module (urea freezes at -12°F).
3. Urea solution: 32% ammonia (NH_3) solution in water.
4. Tanks can be filled using either bottles or nozzle.
5. Fluid is corrosive.
6. Fluid is nonflammable.
7. Supply lines are heated and are wheelbase-dependent for wide frames (x5), and cab length-dependent for narrow frames (x3). Lines are formed; however, somewhat flexible.
8. Vehicle operation will degrade as urea levels reach extremely low levels since this is an emission-regulated component. Vehicle speed will be gradually lowered to zero if operator takes no action to refill the tank.

2024 SD Chassis Cabs > Specs

Chassis

Brake System Specifications
Frame Specifications
Front Axle Specifications — 4x2
Front Axle Specifications — 4x4
Rear Axle Specifications
Shock Absorber Specifications
Spring Specifications — Front Coil
Spring Specifications — Rear Leaf
Steering Specifications
Tire Specifications
Wheel Specifications

2024 SD Chassis Cabs > Specs > Chassis

Front Axle Specifications — 4x2

Series/Model		F-350	F-450/F-550/F-600
Make		Ford	Dana
Max. Std. FGAWR (lbs.)		4,550	6,000/6,500/7,500
Axle	Type	Twin I-beam with ball joint spindle	Monobeam
	Material	Nodular cast-iron	Forged steel
	Spring Centers (in.)	45.5	46.45
Radius Arms	No.	2	
	Material	Stamped, high-strength low-alloy steel	
Ball Joint		Lubed-for-life ball joints	Lubed-for-life
Spindle	Material	Nodular cast-iron body with forged steel stem	
Wheel Bearings	Type	Tapered roller	

2024 SD Chassis Cabs > Specs > Chassis

Front Axle Specifications — 4x4

Series/Model	F-350	F-450/F-550/F-600
Make	Dana M235	Dana Super 60 (Dana M256)
Axle Ratio (:1)	3.73/4.10[(1)]/4.30	4.10/4.30/4.88
Max. Std. FGAWR (lbs.)	5,200	6,000/6,500/7,500

Axle	Type	Monobeam, live spindle	
	Material	Forged steel	
	Spring Centers	46.45	
Drive		Hotchkiss	
Housing	Type	Cast center	
	Cover Attachment	Bolted	
Radius Arms	No.	2	
	Material	Stamped, high-strength low-alloy steel	
Wheel Bearings	Type	Tapered roller	
Gears	Type	Hypoid	
Ring Gear	Pitch Diameter (in.)	9.25	10.08
Pinion	Mounting	Above center	
Differential	Type	2-pinion	
	Bearings	Tapered roller	
Axle Shaft	Minimum Diameter (in.)	1.36	
	Diameter Over Splines (in.)	1.47	
	No. of Splines (Hub End)	35	

(1) Available on DRW only.

— = Not Available

2024 SD Chassis Cabs > Specs > Chassis

Rear Axle Specifications

Model		F-350 DRW (6.8L/7.3L)	F-350 DRW (6.7L)	F-450	F-550		F-600
Make (Standard and Limited-Slip)		Dana M275	Dana M300	Dana M300	Dana M300		Dana (7.3L Eng.) Dana M315 (6.7L Eng.)
Max. Std. RGAWR (lbs.)		10,300	10,300	12,880	13,660	14,706[1]	15,500
Type		Full-floating					
Driveline Attachment		SPL-55 end yoke		SPL-55 end yoke (gas)/SPL-70 end yoke (diesel)			
Housing	Type	Cast center					
	Cover Attachment	Bolted					
Section	Tube Dia. (in.)	4.5	4.5				
Lubricant Capacity (pt.)		7.4	8.4	9.9 (M300 & M315)			
Spring Centers (in.)		41.6					
Wheel Bearings		Tapered roller					
Gears	Type	Hypoid					
	Material	Alloy steel					
Ring Gear	Pitch Dia. (in.)	10.8	11.8 (M300)/12.4 (M315)				
Pinion	Mounting	Overhung					

Differential	Type	2-pinion/2-pinion with limited slip	2-pinion with limited-slip/2-pinion	
Axle Shaft	Spline Minor Dia. (in.)	1.43	1.47	1.64
	Spline Major Dia. (in.)	1.54	1.58	1.75
	No. of Splines (Hub End)	36	37	41

(1) F-550 models with Payload Plus Upgrade Package.

2024 SD Chassis Cabs > Specs > Chassis

Brake System Specifications

	F-250 and F-350	F-450/F-550/F-600
Description	Power vented disc with Anti-Lock Brake System (ABS), electronically controlled brake boost and Automatic Emergency Braking (AEB)	
Front Specifications		
Rotor Size (dia. x thickness) (mm)	363 x 38	391 x 39
Swept Area (sq. mm)	34,464	44,400
Caliper Description	Sliding caliper, dual-piston	
Caliper Piston Dia. (x2; mm)	60	66
Rear		
Rotor Size (dia. x thickness) (mm)	363 x 38	400 x 39
Caliper Description	Sliding caliper, dual-piston	
Caliper Piston Dia. (mm)	51	64
Swept Area (sq. mm)	31,656	41,840

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2024 SD Chassis Cabs > Specs > Chassis

Frame Specifications

Cab Style	Series/Model	Wheelbase (in.)	No. of Crossmembers	Maximum Side Rail Section(1) (Height x Width x Thickness) (in.)	Section Modulus(2) (cu. in.)	Frame Rail Yield Strength (psi)
Regular Cab	F-350	145.3	7	7.50 x 2.74 x 0.280	12.7	50,000
		169.3	8	7.50 x 2.74 x 0.280	12.7	50,000
	F-450/F-550 (16,000-/17,950-lb. GVWR only)	145.3	7	7.50 x 2.74 x 0.320	12.7	50,000
		169.3	8	7.50 x 2.74 x 0.320	12.7	50,000
		193.3	9	7.50 x 2.74 x 0.600	12.7	50,000
		205.3	10	7.50 x 2.74 x 0.600	12.7	50,000

	F-550 (19,500-lb. GVWR only)/F-600	145.3	7	7.50 x 2.74 x 0.600	12.7	50,000
		169.3	8	7.50 x 2.74 x 0.600	12.7	50,000
		193.3	9	7.50 x 2.74 x 0.600	12.7	50,000
		205.3	10	7.50 x 2.74 x 0.600	12.7	50,000
SuperCab	F-350	167.9	8	7.50 x 2.74 x 0.280	12.7	50,000
	F-450/F-550	167.9	8	7.50 x 2.74 x 0.320	12.7	50,000
		191.9	9	7.50 x 2.74 x 0.600	12.7	50,000
	F-550 (19,500-lb. GVWR only)	167.9	8	7.50 x 2.74 x 0.600	12.7	50,000
		191.9	9	7.50 x 2.74 x 0.600	12.7	50,000
Crew Cab	F-350	179.8	8	7.50 x 2.74 x 0.280	12.7	50,000
	F-450/F-550	179.8	8	7.50 x 2.74 x 0.320	12.7	50,000
		203.8	9	7.50 x 2.74 x 0.320	12.7	50,000
	F-550 (19,500-lb. GVWR only)	179.8	8	7.50 x 2.74 x 0.600	12.7	50,000
		203.8	9	7.50 x 2.74 x 0.600	12.7	50,000

(1) Measured to inside of metal.

(2) Cross-sectional modulus calculated at back of cab, to inside of metal.

2024 SD Chassis Cabs > Specs > Chassis

Shock Absorber Specifications

			Front			Rear		
Model	Wheelbase (WB)	Usage	No. Used	Piston Dia. (in.)	Type	No. Used	Piston Dia. (in.)	Type
All	All	Std.	2	1.38	Gas-pressurized	2	1.38	Gas-pressurized

2024 SD Chassis Cabs > Specs > Chassis

Spring Specifications — Front Coil

Configuration	Combined Rating @ Ground (lbs.)	Height of Spring @ Design Load (in.)	Inside Dia. (in.)	Wire Dia. (in.)	Deflection Rate @ Ground (lbs. per in. ea.)
F-350 4x2	3,800	12.5	4.3	0.799	638
	3,950	12.5	4.3	0.799	638
	4,100	12.5	4.3	0.811	677
	4,250	12.5	4.3	0.811	677
	4,400	12.5	4.3	0.831	716
	4,550	12.5	4.3	0.831	716
	4,700	12.5	4.3	0.870	745
	4,850	12.5	4.3	0.870	745

	5,000	12.5	4.3	0.884	781
	5,250	12.5	4.3	0.884	781
F-350 4x4	4,400	14.7	4.1	0.659	383
	4,800	14.7	4.1	0.675	410
	5,200	14.7	4.1	0.693	430
	5,600	14.7	4.1	0.715	468
	6,000	14.7	4.1	0.728	498
F-450/F-550 4x2	4,800	14.7	4.1	0.675	410
	5,200	14.7	4.1	0.693	430
	5,600	14.7	4.1	0.715	468
	6,000	14.7	4.1	0.728	498
	6,500	14.7	4.1	0.756	553
	7,000	14.7	4.1	0.780	609
	7,500	14.7	4.1	0.813	668
F-450/F-550 4x4	4,800	14.7	4.1	0.675	410
	5,200	14.7	4.1	0.693	430
	5,600	14.7	4.1	0.715	468
	6,000	14.7	4.1	0.728	498
	6,500	14.7	4.1	0.756	553
	7,000	14.7	4.1	0.780	609
	7,500	14.7	4.1	0.813	668
F-600 4x2	7,500	14.7	4.1	0.813	668
F-600 4x4	7,500	14.7	4.1	0.813	668

NOTE: Max. front rating of coil springs is picked via computer selection, depending on usage and vehicle options. 7500-lb. rating coil spring is recommended for applications, like Aerial bucket or other upfits with a need for increased Front GAWR due to weight distribution.

2024 SD Chassis Cabs > Specs > Chassis

Spring Specifications — Rear Leaf

Configuration	Combined Rating @ Ground (lbs.)	No. of Leaves	Total Thickness @ Pad (in.)	Overall Length (in.)	Width (in.)	Deflection Rate[1] (lbs. per in./spring)	Rating Each @ Pad (lbs. per spring)
Main Leaf & Auxiliary Spring (Including Spacer)							
F-350 SRW	7,230	7	5.65 (incl. top plate)	55.6	3.0	792/1,517	3,266
F-350 DRW	10,300	4	7.0 (incl. top plate)	55.6	3.0	1,256/2,129	4,864
F-450	13,900	11	7.18 (incl. top plate)	55.6	3.0	1,256/2,130	6,343
F-550	13,900	11	7.18 (incl. top plate)	55.6	3.0	1,256/2,130	6,343
F-550	15,000	11	7.52 (incl. top plate)	55.6	3.0	1,942/2,815	6,903

F-600	15,500	12	7.89 (incl. top plate)	55.6	3.0	2,016/3,483	TBD

(1) Lists first stage/second stage as applicable.

2024 SD Chassis Cabs > Specs > Chassis

Steering Specifications

Cab Style/ Drive	Series	Wheelbase (WB) (in.)	Turning Diameter (ft.)	
			Curb-to-Curb	Wall-to-Wall
Regular Cab 4x2	F-350	145.3 SRW and DRW	50.1	52.1
		169.3 DRW	57.5	59.5
	F-450/F-550/F-600	145.3 DRW	42.5	44.4
		169.3 DRW	48.5	50.5
		193.3 DRW	54.5	56.5
		205.3 DRW	57.6	59.6
Regular Cab 4x4	F-350	145.3 SRW and DRW	48.6	50.6
		169.3 DRW	55.7	57.7
	F-450/F-550/F-600	145.3 DRW	42.5	44.2
		169.3 DRW	48.5	50.5
		193.3 DRW	54.5	56.5
		205.3 DRW	57.6	59.6
SuperCab 4x2	F-350	167.9 SRW and DRW	57.0	59.0
	F-450/F-550	167.9 DRW	48.1	50.1
		191.9 DRW	54.2	56.2
SuperCab 4x4	F-350	167.9 SRW and DRW	55.3	57.3
	F-450/F-550	167.9 DRW	48.1	50.1
		191.9 DRW	54.2	56.2
Crew Cab 4x2	F-350	179.8 SRW and DRW	60.6	62.6
	F-450/F-550	179.8 DRW	51.1	53.1
		203.8 DRW	57.2	59.2
Crew Cab 4x4	F-350	179.8 SRW and DRW	58.8	60.8
	F-450/F-550	179.8 DRW	51.1	53.1
		203.8 DRW	57.2	59.2

2024 SD Chassis Cabs > Specs > Chassis

Tire Specifications

Size	Tread Type & Sidewall	Tire Manufacturer	Rim Width (in.)	Section Width[1] (in.)	Load Limits @ Max. Inflation Press. (lbs.)	Static Loaded Radius (in.)
LT245/75R17	A/S-BSW	Michelin	7.5/6.5[2]	10.3	3,195/2,910[2]	14.8
LT245/75R17	A/T-BSW	Michelin	7.5/6.5[2]	10.2	3,195/ 2,910[2]	14.8
LT275/65R17	A/S-BSW	Continental	8.0	11.0	3,415[3]	15.0
LT275/70R17	A/T-BSW	Goodyear	8.0	11.5	3,640[3]	15.7
225/70R19.5	All Position-BSW	Continental	6.0	8.7	3,970/3,750[2]	15.0
225/70R19.5	Traction-BSW	Continental	6.0	8.7	3,970/3,750[2]	15.1
225/70R19.5	All Position-BSW	Hankook	6.0	8.5	3,970/3,750[2]	15.0
225/70R19.5	Traction-BSW	Hankook	6.0	8.6	3,970/3,750[2]	15.0
245/70R19.5	All Position-BSW	Hankook	6.75	9.6	4,540/4,300[2]	15.5
245/70R19.5	Traction-BSW	Hankook	6.75	9.6	4,540/4,300[2]	15.4

A/S = All-season tire

A/T = All-terrain tire

BSW = Black sidewall tire

OWL = Outline white letter tire

(1) Tire maximum width.

(2) Single rear wheel/dual rear wheel load rating.

(3) Single rear wheel load rating.

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Wheel Specifications

Wheel Type	Wheel Size (in.)	Nominal Inset (mm [in.])	No. of Studs	Bolt Circle (mm [in.])
Argent-Painted Steel (F-350 DRW)	17 x 6.5 J	142 (5.6)	8	200 (7.9)
Argent-Painted Steel (F-350 SRW)	18 x 8 J	40 (1.6)	8	170 (6.7)
Polished Forged-Aluminum (F-350 DRW)	17 x 6.5 J	142 (5.6)	8	200 (7.9)
Painted Cast-Aluminum (F-350 SRW)	18 x 8 J	40 (1.6)	8	170 (6.7)
Bright-Machined Aluminum (F-350 SRW)	18 x 8 J	40 (1.6)	8	170 (6.7)
Argent-Painted Steel (F-450/F-550 DRW)	19.5 x 6 J (RW)	136 (5.4)	10	225 (8.9)
Polished Forged-Aluminum (F-450/F-550 DRW)	19.5 x 6 J (RW)	136 (5.4)	10	225 (8.9)
Argent-Painted Steel (F-600)	19.5 x 6.75 J (RW)	140 (5.5)	10	225 (8.9)
Polished Forged-Aluminum (F-600)	19.5 x 6.75 J (RW)	141 (5.6)	10	225 (8.9)

2024 SD Chassis Cabs > Specs

Special Applications

Snow Plow Installation/Minimum Required and Recommended Equipment

Trailer Towing/Camper Information

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Trailer Towing/Camper Information

NOTE: For additional towing information, see the **RV & Trailer Towing Guide** or the vehicle Owner's Manual.

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Snow Plow Installation/Minimum Required and Recommended Equipment

The Super Duty F-Series vehicles tabled below are available for snow plow usage.

F-350 4x4 & F-450/F-550 4x2/4x4 Chassis Cab Models (with Driver and One Passenger)

Cab Style	Wheelbase/CA (in.)	Engine	F-350 SRW 4x4	F-350 DRW 4x4 14,000-lb. GVWR	F-450 4x2 16,500-lb. GVWR	F-450 4x4 16,500-lb. GVWR	F-550 4x2 18,000-lb. GVWR	F-550 4x4 18,000-lb. GVWR	F-550+ 4x2 19,000-/19,500-lb. GVWR	F-550+ 4x4 19,000-/19,500-lb. GVWR	F-600 4x4 19,000-/19,500-lb. GVWR
Reg. Cab	145.3/60	7.3L gas	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
		6.7L diesel	100/1,310	100/1,270	100/1,350	100/1,250	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
	169.3/84	7.3L gas	100/1,350		100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
		6.7L diesel	100/1,165	100/900	100/1,350	100/1,250	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
	193.3/108	7.3L gas			100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
		6.7L diesel			100/1,350	100/1,200	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
	205.3/120	7.3L gas			100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
		6.7L diesel			100/1,350	100/1,150	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
SuperCab	167.9/60	7.3L gas	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
		6.7L diesel	100/1,125	100/1,085	100/1,350	100/1,250	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
	191.9/84	7.3L gas			100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
		6.7L diesel			100/1,350	100/1,150	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
Crew Cab	179.8/60	7.3L gas	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
		6.7L diesel	100/1,060	100/1,025	100/1,350	100/1,150	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
	203.8/84	7.3L gas			100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350	100/1,350
		6.7L diesel			100/1,350	100/1,100	100/1,300	100/1,350	100/1,300	100/1,350	100/1,350

NOTE: 100/750 = Maximum 100 lbs. of permanently attached hardware. Maximum 750 lbs. of removable plow blade and hardware (maximum plow system weight is the sum of these). The plow and hardware weight limits shown are based upon a vehicle with maximum buildable option content and 150 lbs. each for the driver and one front-seat passenger.

MINIMUM REQUIRED EQUIPMENT

- Snow Plow Prep Package includes:
  - Front-spring/GAWR upgrade (refer to the Weight Ratings charts for specific spring GAWR selection for each model)
  - 350-AH dual alternators (410-AH dual alternators [67B] are highly recommended for diesel engine)
  - Plow and attaching hardware weight limits are as tabled above

STANDARD EQUIPMENT

- Front and rear stabilizer bar (rear standard on Chassis Cab and DRW Pickup models)
- Roof clearance lights (standard on Chassis Cab and DRW Pickup models)
- Steering damper
- Engine oil cooler, auxiliary automatic transmission oil cooler and maximum-capacity engine coolant radiator
- All available axle ratios are acceptable
- When snow plowing, operate automatic transmission with shift lever in overdrive position

COMPLETED VEHICLE WEIGHT

The weight of the completed vehicle with equipment installed (and second unit body, if applicable) must not exceed the front GAWR, rear GAWR or GVWR established by Ford, with consideration for the driver and one front-seat passenger. If sufficient weight is added such that the completed vehicle with a driver and more than one passenger would exceed front GAWR, rear GAWR or GVWR, it is the responsibility of the equipment installer to notify the customer of the appropriate use restrictions (i.e., that the user should limit occupancy of the vehicle to the driver and one passenger while the equipment is installed). The addition of ballast weight placed rearward of the rear axle may be required to prevent front-end overloading or exceeding front GAWR. If required, the ballast weight must be securely attached to the vehicle. For Ford completed vehicles of 10,000-lb. GVWR or less, the weight of permanently attached equipment must not exceed the Total Accessory Reserve Capacity (T.A.R.C.) as specified on the Safety Compliance Certification Label. Permanently attached equipment includes the snow plow frame-mounting hardware and does not include the removable snow plow blade assembly. Exceeding T.A.R.C. will require recertification.

FRONT-END WHEEL ALIGNMENT AND HEADLAMP AIM

Front-end wheel alignment (toe) and headlamp aim may require readjustment after installation of equipment, and is the responsibility of the equipment installer. Failure to reset front-wheel alignment may cause premature uneven tire wear. If required, reset to chassis manufacturer's specifications found in the Ford Shop Manual.

ELECTRICAL CONNECTIONS

Installation of any inductive load devices (i.e., electric motors, electric clutches for clutch pumps, etc.) MUST NOT be connected to OEM wiring or fuse panels. Power for such devices should be taken directly from the battery or starter motor relay power terminal. Control of these devices should be achieved via relays. No direct current path should exist between OEM wiring and the installed load that is not filtered by the battery. These recommendations are intended to reduce or eliminate any induced reverse voltage into the OEM circuitry.

WARRANTY

The normal Ford New Vehicle Limited Warranty applies to vehicles with snow plows installed in accordance with these guidelines. Consult your Ford Dealer or the vehicle Owner's Manual for any further questions.

2024 SD Chassis Cabs > Specs

Electrical

Battery Applications
Cold Weather Recommendations
Light Specifications and Usage
Standard Lighting/Reflector Equipment
Trailer Towing Wiring Harness

2024 SD Chassis Cabs > Specs > Electrical

Alternator Availability

Availability	Engine	Alternator(s)		
		XL	XLT	LARIAT
Standard	7.3L gas	250-AH	410-AH (67B; dual)	
Standard	6.7L diesel	250-AH	350-AH (67A; dual)	

120-volt/400-watt outlets (43C)	7.3L gas	410-AH (67B; dual) req.
	6.7L diesel	350-AH (67A; dual) req.
Ambulance Prep Packages (47A and 47L)	All	410-AH (67B; dual) incl.
Fire/Rescue Prep Package (47J)	6.7L diesel	410-AH (67B; dual) incl.
Pro Power Onboard (43K)	6.7L diesel	410-AH (67B; dual) req.
Rapid-heat supplemental cab heater (41A)	6.7L diesel	410-AH (67B; dual) req.
Snow Plow Prep Package (473)	6.7L diesel	350-AH (67A; dual) incl. 410-AH (67B; dual) opt.

2024 SD Chassis Cabs > Specs > Electrical

Battery Applications

Ampere-Hour Rating	**78**
Cold-Cranking Amps at 0°F	**750**
F-Series Super Duty	
7.3L PFI V8	Std.
6.7L Power Stroke V8 Turbo Diesel	Std.(1)

(1) Dual batteries — 1,500 CCA.

2024 SD Chassis Cabs > Specs > Electrical

Cold Weather Recommendations

Minimum Temperature	Equipment	
	HD Battery	Engine Block Heater
0° F	Suggested	Not Needed
-10° F	Recommended	Suggested
-20° F	Recommended	Recommended
Below -20° F	Strongly Recommended	Strongly Recommended

DEFINITIONS

Suggested: Helpful, but not needed.

Recommended: Could improve reliability in less-than-ideal conditions.

Strongly Recommended: Will give definite improvement over the standard components.

HD Battery: Higher-capacity battery available. (Usage varies by model.)

Engine Block Heater: Available equipment for all engines. (Usage and heater capacity vary with engine requirements.)

2024 SD Chassis Cabs > Specs > Electrical

Standard Lighting/Reflector Equipment

Light Reflector	Application
Headlamps (Halogen)	All series — two replaceable bulbs with all models
Parking Lamps	All series — integral with turn signals
Front/Rear Turn Signals	All series
Front Side Marker Lamps	All series
Front Side Reflectors	All series
Rear Side Reflectors	All series
Front Cab Clearance and Identification Lamps — 5 Amber	F-Series dual rear-wheel models, F-650/F-750
Rear Side Marker Lamps	All series — integral with taillamps
License Plate Lamps	All series
Two Combination Taillamps with Integral Stop, Turn Signal and Backup Lamps and Reflective Surface	All series
Rear Reflectors	All series
Front Daytime Running Lamps	All vehicles registered in Canada

2024 SD Chassis Cabs > Specs > Electrical

Light Specifications and Usage

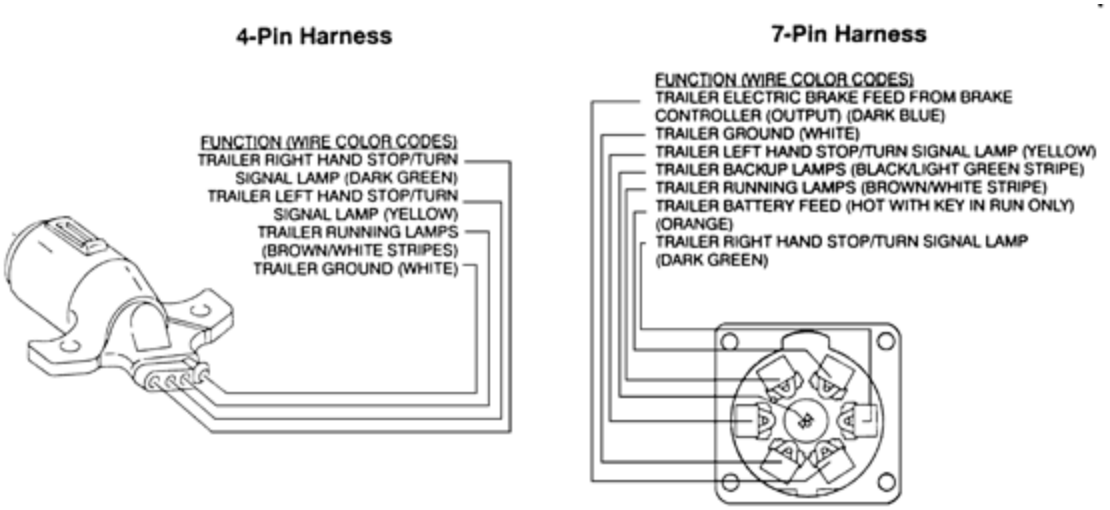
Lamp	Code	Description	Usage
Cab Marker (five lights) — Amber	STD	Torpedo, Hella	All Model Series
Daytime Running Lamps	STD	(Two) Replaceable Bulbs, Halogen	All Vehicles Registered in Canada
Headlamps	STD	(Two) Replaceable Bulbs, Halogen	All Vehicles Registered in U.S. and Canada

2024 SD Chassis Cabs > Specs > Electrical

Trailer Towing Wiring Harness

Circuit Number	Circuit Description	Color Code
RAT08	Ground	White
CAT17	Parking Lamps	Brown
CAT14	Trailer Battery Feed	Orange

CAT19	To Electric Brakes	Dark Blue
CAT09	RH Turn Signal and Stop Lamps	Dark Green
CAT06	LH Turn Signal and Stop Lamps	Yellow
CAT03/CAT16	Trailer Backup Lamps	Gray with Brown Stripe
CBP30	Front Brake Controller Running Lamp Feed/Park Lamp Feed	Yellow with Blue Stripe
CBP40	Rear Brake Controller Running Lamp Feed/Park Lamp Feed	Yellow with Green Stripe
CLS30	Brake Controller Running Lamp Feed/Park Lamp Feed	Violet with White Stripe
CCB08	Vehicle Stop Lamps	Violet with White Stripe
SBB18/SBB17	B+ to Electric Brake Controller	Yellow with Red Stripe


4-Pin Harness
FUNCTION (WIRE COLOR CODES)
TRAILER RIGHT HAND STOP/TURN SIGNAL LAMP (DARK GREEN)
TRAILER LEFT HAND STOP/TURN SIGNAL LAMP (YELLOW)
TRAILER RUNNING LAMPS (BROWN/WHITE STRIPES)
TRAILER GROUND (WHITE)
7-Pin Harness
FUNCTION (WIRE COLOR CODES)
TRAILER ELECTRIC BRAKE FEED FROM BRAKE CONTROLLER (OUTPUT) (DARK BLUE)
TRAILER GROUND (WHITE)
TRAILER LEFT HAND STOP/TURN SIGNAL LAMP (YELLOW)
TRAILER BACKUP LAMPS (BLACK/LIGHT GREEN STRIPE)
TRAILER RUNNING LAMPS (BROWN/WHITE STRIPE)
TRAILER BATTERY FEED (HOT WITH KEY IN RUN ONLY) (ORANGE)
TRAILER RIGHT HAND STOP/TURN SIGNAL LAMP (DARK GREEN)